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# THE PLANT DISEASE REPORTER

Issued By

## THE PLANT DISEASE SURVEY

Division of Mycology and Disease Survey

BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING

AGRICULTURAL RESEARCH ADMINISTRATION

UNITED STATES DEPARTMENT OF AGRICULTURE

SUPPLEMENT 212

HOST INDEX OF PLANT PATHOGENS OF VENEZUELA

Supplement 212

June 15, 1952



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BELTSVILLE BRANCH

The Plant Disease Reporter is issued as a service to plant pathologists throughout the United States. It contains reports, summaries, observations, and comments submitted voluntarily by qualified observers. These reports often are in the form of suggestions, queries, and opinions, frequently purely tentative, offered for consideration or discussion rather than as matters of established fact. In accepting and publishing this material the Division of Mycology and Disease Survey serves merely as an informational clearing house. It does not assume responsibility for the subject matter.



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THE PLANT DISEASE SURVEY  
DIVISION OF MYCOLOGY AND DISEASE SURVEY

Plant Industry Station

Beltsville, Maryland

HOST INDEX OF PLANT PATHOGENS OF VENEZUELA

J. H. Standen

Plant Disease Reporter  
Supplement 212

June 15, 1952

INTRODUCTION

In the past many great mycologists contributed to the knowledge of the fungi of Venezuela, among them H. Sydow, M. C. Cooke, Patouillard, Gaillard, and Heim. All publications prior to 1934, except two papers by H. Sydow, were brought together, with many additions, by Chardon and Toro in that year, and are therefore not included in the bibliography for this index. H. Sydow, in his "Fungi Venezuelani" (1930) also has a good bibliography of earlier papers.

Following the work of Chardon and Toro, each of these authors independently published an additional list of fungi, Kern and Thurston a series of papers on Venezuelan rusts, and Linder a list of Fungi Imperfecti. Muller listed the pathogens damaging economic crops, and Chupp and Muller catalogued the Cercosporas of Venezuela.

Meanwhile a large number of specimens of both parasitic and saprophytic organisms had accumulated in the Mycological Herbarum of the "Ministerio de Agricultura y Cria" in Caracas. In 1949, Clifford Meredith, at that time Chief of the "División de Fitopatología", had this collection transferred to the División offices in Maracay, where it was catalogued for the first time. I was with the División at the time and Mr. Meredith requested me to prepare a host index based on all material available to that date.

It is scarcely necessary to say that this host index is far from complete. Any casual trip into the field always resulted in several new collections.

The index includes fungi, bacteria, viruses, nematodes, a destructive leaf lichen (Strigula elegans), and mistletoes. The sooty mold group of fungi, although doubtless of some economic importance, is omitted.

During the earlier part of this work I was ably assisted by three of my students at the Universidad Central, namely, Angel Viso Rodrigues, Miquel Laprea Finamore, and M. Delgado Urdaneta. Preliminary typing was done by personnel of the American International Association, and final typing was done by Mary Standen and Loretta Skufca. To these and many other who have so freely given their help I wish to express my sincere gratitude.

## HOST INDEX

- ABELMOSCHUS sp. (HIBISCUS sp.)  
 Cercospora hibiscina Ell. & Ev. (2, 14)
- ABUTILON spp.  
 Cercospora sp. (6)  
 C. sphaeralceicola Speg. (6)  
 Irenopsis molleriana (Wint.) F. L. Stevens (6)  
 Puccinia heterospora Berk. & Curt. (6)
- A. INTEGERRIMUM Hook.  
 Puccinia heterospora Berk. & Curt. (2)
- A. UMBELLATUM (L.) Sweet  
 Puccinia heterospora Berk. & Curt. (2)
- ACACIA spp.  
 Ravenelia concinna Syd. (2)
- A. MACRACANTHA Humb. & Bonpl. (according to Pittier, this is not a Venezuelan species; possibly POPONAX or PROSOPIS)  
 Phyllachora acaciae P. Henn. (2)
- ACALYPHA spp.  
 Meliola acalyphidis Toro (2, 6)  
 Phakopsora antiguensis (Cumm.) Kern & Thurston (11)
- A. CHAMAEDRIFOLIA Muell. Arg.  
 Asterina acalyphae Syd. (2)
- A. CUSPIDATA Jacq.  
 Amazonia acalyphae (Rehm) Th. (2)
- A. MACROSTACHYA Jacq.  
 Phyllachora tragiae (Berk. & Curt.) Sacc. (2)
- ACANTHACEAE  
 Whetzelia venezuelensis Chardon & Toro (2)
- ACANTHOSPERMUM AUSTRALE (Loefl.) Kuntze (A. BRASILIUM Schrank)  
 Puccinia acanthospermi P. Henn. (6)
- ACHRAS ZAPOTA L.  
 Scopella sapotae (Arth. & J. R. Johnston) Mains (Uredo sapotae Arth. & J. R. Johnston) (6, 9, 13)
- ACHYRANTHES: see ALTERNANTHERA
- ACNISTUS ARBORESCENS (L.) SCHLECHT.  
 Microthyrium acnisti (Syd.) Toro (20)
- ACNISTUS UMBELLATUS (R. & P.) Miers.  
 Puccinia acnisti Arth. (2)
- ADENARIA FLORIBUNDA H. B. K.  
 Myiocoprum guiscafiei Toro (2)
- ADIANTUM TETRAPHYLLUM Willd.  
 Cercospora adianti Syd. (14)
- AESCHYNOMENE AMERICANA L.  
 Phakopsora aeschynomenis Arth. (10)
- AGAVE SISALANA Perrine  
 Colletotrichum agaves Cav. (6)  
 Diplodia natalensis P. -Evans (7)  
 Septonema agave Stevenson (7)
- AGERATUM CONYZOIDES L.  
 Albugo tragopogonis (DC) S. F. Gray (2, 6)  
 Alternaria sp. (Macrosporium sp.) (6)  
 Puccinia conoclinii Symb. (8)
- ALCHORNEA TRIPLINERVIA (Spreng.) Muell. Arg.  
 Uredo alchorneae P. Henn. (11)
- ALEURITES MONTANA (Lour.) Wilson  
 Cercospora sp. (6)
- ALLIUM CEPA L.  
 Alternaria porri (Ell.) Cif. (Macrosporium porri Ell.) (2, 6, 13)  
 Botrytis sp. (6, 13)  
 Peronospora destructor (Berk.) Casp. (P. schleideni Unger) (2)



ALLIUM PORRUM L.

- Alternaria porri (Ell.) Cif. (Macrosporium porri Ell.) (13)  
Colletotrichum circinans Vogl. (6)

A. SATIVUM L.

- Alternaria porri (Ell.) Cif. (Macrosporium porri Ell.) (13)

ALSTOEMERIA sp.

- Oidium sp. (6)

ALTERNANTHERA spp.

- Albugo bliti (Biv.) Kuntze (2, 6)  
Cercospora sp. (6)

A. FICOIDEA (L.) R. Br.

- Albugo bliti (Biv.) Kuntze (2)

A. LANCEOLATA (Benth.) Standl.

- Uredo maculans Pat. & Gaill. (10)

ALTHAEA ROSEA (L.) Cav.

- Ascochyta sp. (6)  
A. althaeina (Sacc.) Bizz. (13)  
Cercospora althaeina Sacc. (6, 13, 14)  
Puccinia malvacearum Bert. (6)

AMARANTHACEAE

- Uredo maculans Pat. & Gaill. (2)

AMARANTHUS sp.

- Cercospora sp. (6)  
C. brachiata Ell. & Ev. (6, 14)

A. DUBIUS Mart.

- Albugo bliti (Biv.) Kuntze (2)  
Phyllosticta sp. (6)

A. SPINOSUS L.

- Albugo bliti (Biv.) Kuntze (2)

AMBROSIA spp.

- Cercospora arctii-ambrosiae Halst. (6, 14)  
Oidium sp. (6)

A. PERUVIANA Willd.

- Cercospora ambrosiae Chupp (2, 14)  
Phyllachora ambrosiae (Berk. & Curt.) Sacc. (2)

AMPHILOPHIUM PANICULATUM (L.) H.B.K.

- Prospodium amphilophii (Diet. & Holw.) Arth. (2)  
P. depallens (Arth. & Holw.) Cumm. (11)

A. PANICULATUM var. MOLLE (S. & C.) Standl.

- Prospodium cumminsii Kern & Thurston (11)

ANISOSORUS HIRSUTUS (L.) Underw. & Maxon

- Cercospora pteridii Siem. (6)

AMYGDALUS PERSICA L. (PRUNUS PERSICA (L.) Stokes)

- Cladosporium sp. (6)  
Monilinia fructicola (Wint.) Honey (Sclerotinia fructicola (Wint.) Rehm)  
(6)  
Taphrina deformans (Berk.) Tul. (6, 13)  
Tranzschelia punctata (Pers.) Arth. (2, 6, 13)

A. PERSICA var. NECTARINA Ait.

- Tranzschelia punctata (Pers.) Arth. (6)

ANACARDIACEAE

- Phyllachora anacardiarum Chardon (2)  
P. meridensis Chardon (2)

ANACARDIUM OCCIDENTALE L.

- Phyllosticta sp. (6)

A. EXCELSUM (H.B.K.) Skeels

- Cercospora rhinocarpi Chupp & Muller (6, 14)

ANANAS COMOSUS (L.) Merr.

- Thielaviopsis paradoxa (de Seyn.) Hoehn. (13)

ANDIRA JAMAICENSIS (W. Wright) Urb.

- Polystigma pusillum Syd. (20)

## ANDROPOGON spp.

- Phyllachora brevifolia Chardon (6)
- P. luteomaculata (Schw.) Orton (6)
- Puccinia kaernbachii (P. Henn.) Arth. (9)
- Sphacelotheca guaranitica (Speg.) Zundel (2)

## A. ALTUS Hitch.

- Puccinia meridensis Kern (8)

## A. BICORNIS L.

- Uredo rubida Arth. & Holw. (2)

## A. CONDENSATUS H.B.K.

- Phyllachora andropogonis (Schw.) Karst. & Har. (1, 6)
- Sphacelotheca guaranitica (Speg.) Zundel (2)

## A. SACCHAROIDES Sw.

- Puccinia meridensis Kern (8)

## A. SEMIBERBIS (Nees) Kunth

- Dothichloë atramentosa (Burk. & Curt.) Atk. (6)
- Puccinia sp. (6)
- Ustilago sp. (6)

## ANEIMIA PHYLLITIDIS (L.) Sw.

- Desmella aneimiae (P. Henn.) Syd. (2)

## ANNONA spp.

- Meliola jahnii Toro (2)
- Phakopsora cherimolia (Lagh.) Cumm. (2)

## A. CHERIMOLA Mill.

- Phakopsora cherimolia (Lagh.) Cumm. (Physopella cherimolia Arth.,  
Uredo cherimolia Lagh.) (2, 6, 10, 13, 18)

## A. MURICATA L.

- Asterinella winteriana (Pascher) Th. (15)
- Colletotrichum gloeosporioides Penz. (6)
- Meliola sp. (6)

## A. PURPUREA Moc. &amp; Sess.

- Cercospora caracasensis Chupp & Muller (6, 14)

## A. SQUAMOSA L.

- Cercospora anonaceae P. Henn. (6, 14)

## ANODA ACERIFOLIA (Zucc.) DC.

- Puccinia heterospora Berk. & Curt. (2)

## A. HASTATA Cav.

- Marmor sp. (virus) (7)
- Puccinia heterospora Berk. & Curt. (2)

## ANTHEPHORA HERMAPHRODITA (L.) Kuntze

- Phyllachora sp. (6)
- P. anthephorae Syd. (2, 6)

## ANTHURIUM spp.

- Micropeltis clava Toro (2)
- Phyllachora engleri Speg. (6)

## A. SCOLOPENDRINUM (Ham.) Kunth.

- Phyllachora engleri Speg. (2)

## ANTIGONUM LEPTOPUS Hook. &amp; Arn.

- Cercospora sp. (6)

## ANTIRRHINUM sp.

- Phyllosticta sp. (6)

## APIUM GRAVEOLENS L.

- Cercospora apii Fres. (6, 13, 14)
- Septoria apii (Briosi & Cav.) Chester (6, 13)

## ARACHIS HYPOGAEA L.

- Ascochyta pisi Lib. (6)
- Cercospora personata (Berk. & Curt.) Ell. (2, 6, 14)
- Puccinia arachidis Speg. (6, 8, 13)
- Sclerotium rolfsii Sacc. (3: year 1; no. 10, Oct. 1947)
- Septogloeum sp. (5, April-May 1949)

## ARGEMONE MEXICANA L.

- Cladosporium guanicensis F. L. Stevens (2, 6)

- ARGEMONE PLATYCERAS Link & Otto  
Ovularia sp. (6)
- ARISTIDA spp.  
Dothichloë aristidae Atk. (6)  
Dothidea aristidae (S.) Ell. (6)
- A. ADSCENSIONIS L.  
Dothichloë sp. (6)  
D. aristidae Atk. (6)  
Phyllachora sp. (6)
- ARRABIDAEAE  
Irenopsis bignoniacearum F. L. Stevens (2)
- ARRACACIA XANTHORRHIZA Bancroft  
Cercospora donnel-smithii Speg. (6)  
Septoria apii Fres. (6, 13)
- ARTHROSTEMA CAMPANULARE (Naud.) Tr.  
Cercospora gracilentia Syd. (14)
- ARTHROSTYLIDIUM LONGIFLORUM (L.) Link  
Phyllachora arthrostylidi Petr. & Cif. (1, 6)  
Sphaerodothis portoricensis Chardon (2)
- ARTOCARPUS COMMUNIS Forst.  
Capnodium sp. (7)  
Uredo artocarpi Berk. & Br. (Physopella artocarpi Arth.) (2, 18)
- A. INTEGRAL (Thunb.) Merr.  
Uredo sp. (6)  
U. artocarpi Berk. & Br. (6)
- ARUNDO DONAX L.  
Meliola marantae F. L. Stevens (6)
- ASCHERSONIA sp.  
Sirospasma hypocrellae Syd. (2)
- ASCLEPIAS spp.  
Cercospora sp. (16)  
Puccinia sp. (6)
- A. CURASSAVICA L.  
Cercospora clavata (Gerard) Cke. (6, 14)  
Uromyces asclepiadis (Schw.) Cke. (9)
- ASPARAGUS OFFICINALIS L.  
Cercospora asparagi Sacc. (6, 14) (C. asparagicola Speg., C. caulicola Wint.)
- ASTERINA MEGALOSPORA Berk. & Curt. (fungus)  
Phaeodimeriella tachirensis Toro (2)
- ASTRONIUM GRAVEOLENS Jacq.  
Meliola weigeltii Kunze (2)  
Uredo rhombica Speg. (11)
- AVENA SATIVA L.  
Puccinia coronata Cda. (P. rhamni (Pers.) Wett.) (6, 13)  
P. graminis Pers. var. avenae Pers. (6, 13)  
Ustilago avenae (Pers.) Rostr. (6, 13)
- AXONOPUS AUREUS Beauv.  
Phyllachora sp. (6)
- BACCHARIS CASSINEFOLIA D. C.  
Puccinia ancizari Mayor (11)
- B. FLORIBUNDA H.B.K.  
Puccinia caeomatiformis Lagh. (2)
- B. RHEXOIDES H.B.K.  
Puccinia exornata Arth. (Eriosporangium exornatum Arth.) (2, 6, 18)
- BACCHARIS aff. TRINERVIS (Lam.) Pers.  
Puccinia caeomatiformis Lagh. (2)
- BAMBOS: see BAMBUS
- BAMBUS VULGARIS Schrad.  
Uredo ignava Arth. (2, 6)
- BANARA GUIANENSIS Aubl.  
Meliola banarae F. L. Stevens (2)



- BANISTERIA CORNIFOLIA (Kunth) Spreng.  
Puccinia rubricans Holw. (10)
- BAUHINIA spp.  
Aschersonia placenta Berk. & Br. (6) (on scale insects?)  
Phyllachora sp. (6)  
P. panamensis Chardon (6)  
Uromyces sp. (6)  
U. bauginicola Arth. ? (2)  
U. guatemalensis Vest. (2)  
U. imperfectus Arth. (2)
- B. ACULEATA L.  
Uromyces imperfectus Arth. (6)
- B. CUMANENSIS H.B.K.  
Meliola perexigua Gaill. (2)  
Phyllachora panamensis Chardon (2)
- B. HETEROPHYLLA Kunth  
Xylaria ianthino-velutina Mont. (2)
- B. MIRANDINA Pittier  
Ravenelia sp. (6)  
Uromyces imperfectus Arth. (2)
- B. PAULETIA Pers.  
Uromyces imperfectus Arth. (U. superfixus Vest.) (2, 18)  
U. jamaicensis Vest. (2)
- BEGONIA sp.  
Oidium sp. (6)
- BERBERIS sp.  
? Aecidium aridum Diet. & Neger (2)
- BETA VULGARIS L.  
Cercospora beticola Sacc. (2, 6, 13, 14)  
Sclerotium rolfsii Sacc. (13)
- B. VULGARIS var. CICLA L.  
Cercospora beticola Sacc. (13)
- BIDENS spp.  
Septoria sp. (6)  
Uromyces sp. (6)  
U. bidentis Lagh. (2)
- B. PILOSA L.  
Cercospora bidentis Tharp. (6, 14)  
Entyloma sp. (6)  
E. incertum Cif. (2)  
Oidium sp. (6)  
Uromyces bidenticola (P. Henn.) Arth. (2)  
U. bidentis Lagh. (2)
- BIGNONIACEAE  
Prosopidium anomalum Jack. & Holw. (2)
- BIXA ORELLANA L.  
Cercospora bixae Allesch. & Noack (2, 6, 14)  
Oidium sp. (6)
- BLECHNUM FRAXINEUM Willd.  
Milesia australis Arth. (9)
- BLECHNUM OCCIDENTALE L.  
Desmella superficialis (Speg.) Syd. (2)  
Milesia australis Arth. (9)
- BLECHUM sp.  
Cercospora blechi Chupp & Muller (14)
- BLECHUM BROWNEI Juss.  
Cercospora blechi Chupp & Muller (14)  
Puccinia sp. (6)  
P. ruelliae (Berk. & Br.) Lagh. (9)  
Uredo sp. (6)
- BOCCONIA FRUTESCENS L.  
Cercospora bocconiae Chupp (2, 14)

- BOEHMERIA NIVEA (L.) Gaud.  
 Cercospora boehmeriae Chupp (6)  
 C. krugiana Chupp & Muller (14)
- B. RAMIFLORA Jacq.  
 Asterina raripoda Toro (2)
- BOERHAAVIA CARIBAEA Jacq.  
 Albugo platensis (Speg.) Swing. (6)
- B. COCCINEA Mill.  
 Albugo platensis (Speg.) Swing. (18)
- B. ERECTA L.  
 Albugo platensis (Speg.) Swing. (2, 6)
- BOMAREA MULTIFLORA (L.) Mirb.  
 Aecidium bomareae Mayor (6)  
 Puccinia bomareae (Lagh.) P. Henn. (9)
- BORAGO OFFICINALIS L.  
 Cercospora agnostoica Speg. (6, 14)
- BORRERIA sp.  
 Meliola psychotriae Earle (2)
- B. CAPITATA (R. & P.) DC.  
 Meliola psychotriae Earle (2)
- B. LAEVIS (Lam.) Griseb.  
 Puccinia lateritia Berk. & Curt. (2, 6)
- B. SUAVEOLENS G. F. W. Mey.  
 Meliola psychotriae Earle (2)
- B. TENELLA Cham. & Schlecht.  
 Uromyces crucheti Mayor (2)
- B. VERTICILLATA (L.) G. F. W. Mey.  
 Uredo borreriae (P. Henn.) Kern & Whet. (6, 9)
- BOUCHEA PRISMATICA (Jacq.) Ktze.  
 Oidium sp. (6)
- BRADBURYA sp.: see CENTROSEMA sp, B. VIRGINIANA: see CENTROSEMA VIRGINIANUM
- BRASSICA spp.  
 Alternaria sp(p). (as A. brassicae (Berk.) Sacc.) (2)  
 Choanephora sp. (3: year 1, no. 10, Oct. 1947)
- B. CAMPESTRIS L.  
 Albugo candida (Pers.) Kuntze (6)  
 Alternaria brassicae (Berk.) Sacc. (Macrosporium herculeum Ell. & G. Martin) (6)
- B. NAPUS L.  
 Albugo candida (Pers.) Kuntze (6)  
 Alternaria brassicae (Berk.) Sacc. (Macrosporium herculeum Ell. & G. Martin) (6)  
 Cercospora armoraciae Sacc. (6)
- B. NIGRA (L.) Koch  
 Albugo candida (Pers.) Kuntze (2)
- B. OLERACEA L.  
 Alternaria sp(p). (as A. brassicae (Berk.) Sacc.) (2, 6)  
 A. brassicae (Berk.) Sacc. (Macrosporium herculeum Ell. & G. Martin) (6)  
 A. solani (Ell. & G. Martin) Sor. (6)  
 Peronospora parasitica Fr. (6)  
 Xanthomonas campestris (Pam.) Dowson (5: June 1948; 7)
- B. OLERACEA var. BOTRYTIS L.  
 Alternaria brassicae (Berk.) Sacc. (Macrosporium herculeum Ell. & G. Martin) (13)
- B. OLERACEA var. CAPITATA L.  
 Alternaria sp(p). (as A. brassicae (Berk.) Sacc.) (13)  
 A. brassicae (Berk.) Sacc. (Macrosporium herculeum Ell. & G. Martin) (13)  
 Meloidogyne sp. (Heterodera radiculicola (Greef) Muell.) (13)  
 Peronospora parasitica Fr. (13)

- (*Brassica oleracea capitata* cont.)  
*Rhizoctonia solani* Kuehn (13)
- B. PEKINENSIS (Lour.) Gagnep  
*Albugo candida* (Pers.) Kuntze (6)  
*Alternaria* sp(p). (as *A. brassicae* (Berk.) Sacc.) (6)  
*A. brassicae* (Berk.) Sacc. (*Macrosporium herculeum* Ell. & G. Martin) (6, 13)
- B. RAPA L.  
*Albugo candida* (Pers.) Kuntze (13)  
*Alternaria* sp(p). (as *A. brassicae* (Berk.) Sacc. (13)  
*A. brassicae* (Berk.) Sacc. (*Macrosporium herculeum* Ell. & G. Martin) (13)
- BRAVAISIA FLORIBUNDA DC.  
*Clypeotrabutia deminuta* (Syd.) Chardon & Toro (2, 18)
- BREDEMEYERA LUCIDA Klotzsch  
*Asterinella bredemeyerae* Orejuela (15)
- BRICKELLIA DIFFUSA (Vahl) A. Gray  
*Puccinia kuhniae* Schw. (8)
- BROMELIA sp.  
*Toroa dimerosporioides* (Speg.) Syd. (20)
- BROMUS CATHARTICUS Vahl  
*Puccinia* sp. (6)
- BROMUS PITENSIS H.B.K.  
*Puccinia* sp. (6)
- BROWNEA sp.  
*Uredo* sp. (6)
- BRUNELLIA COMOCLADIFOLIA Humb. & Bonpl.  
*Asterina kernii* Toro (6)  
*Hypocrella caulinum* (Berk. & Curt.) Pat. (6)  
*Phyllachora* sp. (6)  
*P. masinii* Toro (1, 6)
- BUCHENAVIA CAPITATA (Vahl) Eichl.  
*Phyllachora buchenaviae* Petr. & Cif. (2)
- BUDDLEIA sp.  
*Cercospora* sp. (6)
- B. VERBASCIFOLIA H.B.K.  
*Cercospora* sp. (6)
- BUNCHOSIA GLANDULIFERA (Jacq.) H.B.K.  
*Cercospora* sp. (6)  
*C. bunchosiae* Chupp & Muller (14)  
*Septoria bunchosiae* Toro (2)
- BYRSONIMA spp.  
*Aecidium singulare* (Diet. & Holw.) Arth. (6)  
*Cronartium* sp. (6)  
*Meliola* sp. (6)
- B. CRASSIFOLIA (L.) H.B.K.  
*Aecidium byrsonimatus* P. Henn. (9)  
*Crossospora notata* Arth. (2)
- CAJANUS CAJAN (L.) Millsp.  
*Cercospora cajanae* P. Henn. (6, 13, 14, 16)  
*Mycovellosiella cajani* (P. Henn.) Rangel (2)  
*Uromyces* sp. (6)  
*U. dolicholi* Arth. (13, 16, 19)
- CALAMAGROSTIS sp.  
*Puccinia epiphylla* (L.) Wettst. (2)
- C. PITTIERI Hack.  
*Puccinia epiphylla* (L.) Wettst. (2)
- CALATHEA sp.  
*Puccinia cannae* (Wint.) P. Henn. (8)
- CALLIANDRA CARACASANA (Jacq.) Benth.  
*Ravenelia echinata* Lagh. & Diet. (2)



## CALOTROPIS HERBACEA Wight.

Cercospora calotropidis Ell. &amp; Ev. (6, 14)

## C. PROCERA (Ait.) R. Br.

Cercospora calotropidis Ell. &amp; Ev. (2, 14)

Cladosporium calotropidis F. L. Stevens (2)

Puccinia sp. (6)

P. conrescens Ell. &amp; Ev. (2)

P. obliqua Berk. &amp; Curt. (2)

## CANAVALLIA sp.

Mycosphaerella sp. (6)

## C. ENSIFORMIS (L.) D.C.

Cercospora canavaliae Syd. (14)

Mycosphaerella venezuelensis J. H. Miller &amp; Burton (6)

## C. MARITIMA (Aubl.) Thouars

Ascochyta sp. (6)

## CANNA sp.

Puccinia cannae (Wint.) P. Henn. (2, 6)

## C. INDICA L.

Puccinia cannae (Wint.) P. Henn. (6, 13)

## CAPPARIS FLEXUOSA L.

Polyrhizon capparidis Orejuela (15)

Septoria sp. (6)

## C. ODORATISSIMA Jacq.

Phyllosticta capparidis Chardon (1, 6)

## CAPRIOLA DACTYLON: see CYNODON DACTYLON

## CAPSICUM spp.

Cercospora atromarginalis Atk. (6)

C. diffusa Ell. &amp; Ev. (2)

## C. ANNUUM L.

Cercospora atromarginalis Atk. (6, 13)

C. capsici Heald &amp; Wolf (2, 6, 13, 14)

Colletotrichum atramentarium (Berk. &amp; Br.) Taub. (13)

C. nigrum Ell. &amp; Hals. (2, 6, 13)

Erwinia carotovora (L. R. Jones) Holland (13)

Fusarium sp. (7)

Phytophthora sp. (4: Vol. 1, No. 6. July 1949)

Ramularia sp. (7)

Sclerotium rolfsii Sacc. (13)

Virus (mosaic) (7)

## C. BACCATUM L.

Cercospora capsici Heald &amp; Wolf (2)

## C. FRUTESCENS L.

Colletotrichum sp. (6)

C. atramentarium (Berk. &amp; Br.) Taub. (6)

Oidium sp. (6)

Phyllosticta carica-papaya Allesch. (6)

## CARDIOSPERMUM CORINDUM L.

Puccinia arechavaetae Speg. (2)

## C. HALICACABUM L.

Puccinia arechavaetae Speg. (2)

## C. MICROCARPUM H.B.K.

Puccinia arechavaetae Speg. (2)

## CARICA PAPAYA L.

Asperisporium caricae (Speg.) Maubl. (Pucciniopsis caricae Earle)  
(2; 3, 2nd year, no. XIII, Jan. 1948; 6; 13).

Colletotrichum papayae P. Henn. (13)

Virus (mosaic) (7, 13)

## CARYA ILLINOENSIS (Wang.) K. Koch (HICORIA PECAN Britton)

Cercospora fusca (Heald &amp; Wolf) Rand (6; 14)

## CARYOTA sp.

Pestalotia sp. (6)

- CASEARIA sp.  
*Meliola caseariae* Petr. & Cif. (20)
- C. GUIANENSIS (Aubl.) Urban  
*Meliola paullinae* F. L. Stevens (2)
- C. SYLVESTRIS Sw.  
*Meliola caseariae* Petr. & Cif. (20)
- CASSIA spp. (see also PEIRANISIA)  
*Cercospora* sp. (6)  
*C. simulata* Ell. & Ev. (2, 14)  
*Diplodia* sp. (6)  
*Phyllachora* sp. (6)
- C. ABSUS L.  
*Ravenelia indica* Berk. (16)
- C. BIFLORA L.  
*Puccinia* sp. (6)  
*Ravenelia spinulosa* Diet. & Holw. (2, 6)
- C. EMARGINATA L.  
*Ravenelia portoricensis* Arth. (10)
- C. TORA L.  
*Ravenelia mirandensis* Kern & Thurston (10)  
*Ravenelia* sp. (6)
- CECROPIA spp.  
*Anthostomella cecropiae* (Rehm) Hoehn. (6)  
*Aschersonia aleyrodidis* Webber (6) (on scale insects ?)  
*Meliola* sp. (6)
- CEDRELA sp.  
*Phyllachora balansae* Speg. (6)
- C. MEXICANA Roem.  
*Phyllachora balansae* Speg. (2)
- CEIBA PENTANDRA Gaertn.  
*Camillea bomba* (Mont.) Lloyd (6)  
*Phyllachora* sp. (6)
- CELOSIA sp.  
*Cercospora celosiae* Syd. (14)
- C. CRISTATA L.  
*Cercospora celosiae* Syd. (6)
- CENCHRUS sp.  
*Puccinia* sp. (6)
- C. ECHINATUS L.  
*Puccinia cenchri* Diet. & Holw. (2)  
*Ustilago* sp. (6)
- C. VIRIDIS Spreng.  
*Phyllachora sphaerosperma* Wint. (2, 6) (*Phyllachora sphaerospora* Pat.)
- CENTAUREA sp.  
*Cercospora centaureae* Diet. (6, 14)
- CENTROSEMA sp. (BRADBURYA sp.)  
*Phyllachora galactiae* Earle (6)
- C. VIRGINIANUM (L.) Benth. (BRADBURYA VIRGINIANA (Benth.) Kuntze)  
*Cercospora centrosematae* Chupp & Muller (14)  
*Phyllachora galactiae* Earle (2)  
*Puccinia* sp. (6)
- CEPHAELIS AXILLARIS Sw.  
*Pediascus cephaelidis* Chardon (2)
- CEROPTERIS: see PITYROGRAMMA
- CESTRUM sp.  
*Phyllachora* sp.
- C. LATIFOLIUM Lam.  
*Cercospora cestri* Chupp. & Muller (14)  
*Uromyces cestri* (Mont.) Lév. (9)
- C. MIERSIANUM Wedd.  
*Chrysocyclus cestri* (Diet. & P. Henn.) Syd. (*Chrysopsora cestri* Arth.) (8)

- (*Cestrum miersianum* cont.)  
*Phyllachora toroi* Chardon (2)  
**CHAETIUM FESTUCOIDES** Nees  
*Puccinia chaetii* Kern & Thurston (11)  
**CHAMAESYCE:** see *Euphorbia*  
**CHAPTALIA NUTANS** (L.) Polak.  
*Phyllachora microtheles* (Speg.) Chardon (2, 6)  
**CHENOPODIUM AMBROSIOIDES** L.  
*Cercospora anthelmintica* Atk. (6, 14)  
**CHLORIS POLYDACTYLA** (L.) Sw.  
*Dothichloë nigricans* (Speg.) Chardon (6)  
**C. RADIATA** (L.) Sw. (*C. VIRGATA* P. Durand)  
*Phyllachora chloridicola* Speg. (2)  
**CHLOROPHORA TINCTORIA** (L.) Gaud.  
*Cercospora* sp. (7)  
*Physopella macluræ* Arth. (*Uredo macluræ* Speg.) (2, 18)  
**CHOMELIA TENUIFLORA** Benth.  
*Meliola psychotriæ* Earle (2)  
**CHRYSANTHEMUM** spp.  
*Cercospora* sp. (6)  
*C. chrysanthemi* Heald & Wolf (6, 14)  
**CHRYSOPHYLLUM** spp.  
*Aschersonia basicystis* Berk. & Curt (on scale insects) (6)  
*A. brunnea* Petch (on scale insects) (6)  
*Phyllachora* sp. (6)  
**C. CAINITO** L.  
*Aschersonia turbinata* Berk. (on scale insects) (6)  
*Phyllachora* sp. (6)  
**CHUSQUEA** sp.  
*Meliola panici* Earle (6)  
**C. SCANDENS** Kunth  
*Ascopolyporus polychrous* Moller (2)  
**CICER ARIETINUM** L.  
*Rhizoctonia solani* Kuehn (13)  
**CISSUS** spp.  
*Endophyllum* sp. (6)  
*E. guttatum* (Kunze) Syd. (*E. circumscriptum* (Schw.) Whet. & Olive) (6)  
*Mycosyrinx cissi* (DC.) G. Beck (2)  
**C. EROSA** L. C. Rich.  
*Mycosyrinx* sp. (6)  
**C. RHOMBIFOLIA** Vahl  
*Crossospora caucensis* (Mayor) Kern, Thurston & Whet. (*C. wilsoniana* Arth.) (2, 18)  
**CISSUS SICYOIDES** L.  
*Aecidium mexicanum* Diet. & Holw. (2)  
*Endophyllum guttatum* (Kunze) Syd. (*E. circumscriptum* (Schw.) Whet. & Olive) (2, 6, 18)  
*Mycosyrinx* sp. (6)  
**CITHAREXYLUM SUBTHYRSOIDEUM** Pittier  
*Meliola glabroides* F. L. Stevens (6)  
**CITRULLUS VULGARIS** Schrad.  
*Cercospora citrullina* Cke. (2, 6, 14)  
*Colletotrichum lagenarium* (Pass.) Ell. & Halst. (6, 13)  
*Pseudoperonospora cubensis* (Berk. & Curt.) Rostow. (6)  
**CITRUS** spp.  
*Alternaria citri* Pierce (13)  
*Ascochyta citri* Penz. (6)  
*Apsergillus niger* v. Tiegh. (13)  
*Cephaleuros* sp. (6)  
*Colletotrichum gloeosporioides* Penz. (6, 13)  
*Diplodia natalensis* P. Evans (13)



- (Citrus spp. cont.)  
 Penicillium sp. (13)  
 Phytophthora parasitica Dast. (13)  
 Rhizopus nigricans Ehr. (13)  
 Septoria sp. (6)  
 S. citri Pass. (13)  
 Sphaceloma fawcettii Jenkins (6, 7, 13)  
 Sphaeropsis tumefaciens Hedges (3, 1st year, No. 7, July 1947)
- C. AURANTIFOLIA (Christm.) Swing.  
 Septoria sp. (6)  
 Sphaceloma fawcettii Jenkins (Sporotrichum citri (Mass.) Butl.) (2)
- C. AURANTIUM L.  
 Alternaria sp. (6)  
 A. citri Pierce (6, 13)  
 Ascochyta citri Penz. (13)  
 Sphaceloma fawcettii Jenkins (Sporotrichum citri (Mass.) Butl.) (2, 6)
- C. GRANDIS (L.) Osbeck  
 Colletotrichum gloeosporioides Penz. (7)  
 Sphaceloma fawcettii Jenkins (Sporotrichum citri (Mass.) Butl.) (2)
- C. LIMON (L.) Burm. f.  
 Colletotrichum limetticola Clausen (7)  
 Septoria sp. (6)  
 Sphaceloma fawcettii Jenkins (7)
- C. MAXIMA (Burm.) Merr.  
 Phomopsis citri Fawc. (6)
- C. SINENSIS (L.) Osbeck  
 Alternaria citri Pierce (6)  
 Colletotrichum sp. (6)  
 C. gloeosporioides (Penz.) Sacc. (2, 7)  
 Penicillium italicum Wehmer (7)  
 Septoria citri Pass. (7)
- CLEOME spp.  
 Cercospora conspicua Earle (6, 14)  
 C. uramensis Chupp & Muller (6, 14)  
 Plasmopara venezuelanae Chardon (1, 6)
- C. PSORALEAEFOLIA DC.  
 Cercospora cleomes Ell. & Halst. (2, 14)
- CLIBADIUM sp.  
 Uredo sp. (6)
- CLIDEMIA ELATA Pittier  
 Dothidina sphaerospora Chardon (2)
- C. FENDLERI Cogn.  
 Bagnisiopsis toledo Chardon (2)
- C. GRANDIFLORA Cogn.  
 Bagnisiopsis peribebuyensis (Speg.) Th. & Syd. (1)  
 Botryosphaeria multipunctata (Wint.) Syd. (6)
- CLITORIA GUIANENSIS (Aubl.) Benth.  
 Puccinia sp. (6)  
 Uromyces neurocarpi Diet. (9)
- C. RUBIGINOSA Juss.  
 Uromyces neurocarpi Diet. (9)
- C. TERNATEA L.  
 Ascochyta pisi Lib. (6)  
 Cercospora clitoriae Atk. (2, 14)  
 C. clitoridis Gonz. Frag. & Cif. (6, 14)
- CLUSIA sp.  
 Meliola sp. (6)
- COCCOLOBA sp.  
 Clypeotrabutia portoricensis (F. L. Stevens) Chardon (2)
- C. CARACASANA H. B. K.  
 Meliola coccolobis F. L. Stevens & Tehon (20)

## COCCOLOBA UVIFERA L.

Somatexis coccolobis Toro (2)

Uredo sp. (6)

U. uviferae Syd. (10; erroneously referred to U. coccolobae P. Henn. (2) )

## COFFEA ARABICA L.

Cephalosporium lecanii Zimm. (on scale insects) (7)

Cercospora coffeicola Burk. &amp; Curt. (6, 13)

Colletotrichum sp. (6)

C. coffeanum Noack (6)

Fusarium sp. (fruit decay) (7)

Mycena citricolor (Berk. & Curt.) Sacc. Reported as Omphalia flavida Rangel & Maubl. (6, 13)

Nematodes undet. (5, March 1948)

Pellicularia koleroga Cke. (Corticium koleroga (Cke.) Hoehn.) (2, 6, 13)

Rosellinia spp. (6, 13)

Septoria sp. (6)

Stilbella flavida (Cke.) P. Henn. (2, 6). See Mycena citricolor.

## COMBRETUM FRUTICOSUM (Loefl.) Stuntz.

Uredo combreti Kern &amp; Thurston (10)

## COMMELINA spp.

Mycena citricolor (Berk. & Curt.) Sacc. Reported as Omphalia flavida Rangel & Maubl. (6)

Puccinia sp. (6)

## C. ELEGANS H.B.K.

Phakopsora tecta Jacks. &amp; Holw. (2)

## C. QUITENSIS Benth.

Phakopsora tecta Jacks. &amp; Holw. (2)

## CONOCARPUS ERECTUS L.

Cercospora conocarpi Chupp &amp; Muller (6, 14)

## CONVOLVULACEAE

Cercospora ipomoeae Wint. (14)

## CONVOLVULUS NODIFLORUS Desr., see JACQUEMONTIA NODIFLORA

## CORCHORUS PILOBOLUS Link

Cercospora macutensis Syd. (14)

## CORDIA spp.

Chaetostigme cordiae (P. Henn.) F. L. Stevens (2)

Diatractium cordiae (F. L. Stevens) Syd. (6)

Dimeriella cordiae (P. Henn.) Th. (20)

Phyllachora sp. (6)

## C. ALBA (Jacq.) Roem. &amp; Schult.

Metasphaeria abortiva F. L. Stevens (2)

## C. CURASSAVICA (Jacq.) R. &amp; S.

Aecidium cordiae P. Henn. (8)

## C. CYLINDROSTACHYA R. &amp; S.

Cercospora cordiae Chupp (2, 14)

Chaetostigme cordiae (P. Henn.) F. L. Stevens (2)

## C. GLABRA L. (C. CALLOCOCCA L.)

Diatractium cordiae (F. L. Stevens) Syd. (1, 6)

## C. GLOBOSA (Jacq.) H.B.K. (VARRONIA GLOBOSA Jacq.)

Aecidium cordiae P. Henn. (2)

## COREOPSIS spp.

Cercospora bidentis Tharp (6, 14)

Oidium sp. (6)

## CORIANDRUM SATIVUM L.

Alternaria sp. (as Macrosporium sp.) (6)

## COUMAROUNA ODORATA Aubl. (DIPTERYX ODORATA (Aubl.) Willd.)

Phyllosticta sp. (6)

## COUSSAPOA VILLOSA Poepp. &amp; Endl.

Phyllachora mirandina Chardon (2)

## COUTAREA HEXANDRA (Jacq.) Schum.

Aecidium coutareae Kern &amp; Thurston (11)

- (Coutarea hexandra cont.)  
 Phyllachora coutareae Chardon (1, 6)
- CRACCA: see TEPHROSIA
- CRESCENTIA CUJETE L.  
 Irenina arachnoides (Speg.) F. L. Stevens (2)  
 Meliola crescentiae F. L. Stevens (6)  
 Phyllactinia sp. (6)  
 Phyllosticta sp. (6)
- CRINUM sp.  
 Aecidium sp. (6)
- CROTALARIA spp.  
 Cercospora crotalariae Syd. (2, 6, 14)  
 Oidium spp. (6, 13)
- C. ANAGYROIDES H.B.K.  
 Cercospora crotalariae Syd. (14)  
 Phakopsora crotalariae (Diet.) Arth. (10)  
 Uromyces decoratus Syd. (6)
- C. INTERMEDIA Kotschy  
 Cercospora sp. (6)
- C. JUNCEA L.  
 Cercospora sp. (6)
- C. MUCRONATA Desv. (C. striata D.C.)  
 Ascochyta sp. (6)
- C. NITENS H.B.K.  
 Uromyces decoratus Syd. (2)
- C. SPECTABILIS Roth  
 Ascochyta pisi Lib. (6)  
 Cercospora demetrioniana Wint. (6, 14)  
 Mycosphaerella sp. (6)
- CROTON spp.  
 Arthuria columbiana (Kern & Whet.) Cumm. (10)  
 Bubakia venezuelana Kern & Thurston (11)  
 Cercospora sp. (6)  
 C. manoensis P. Henn. (6, 14)  
 C. maritima Tracy & Earle (2)  
 Meliola sp. (6)  
 M. longispora (Gaill.) F. L. Stevens (6)  
 Phakoposora crotonis (Cke.) Arth. (2)  
 Phyllachora sp. (6)  
 P. lunulata Chardon (2)  
 P. tragiae (Berk. & Curt.) Sacc. (2)  
 Puccinia sp. (6)  
 Stemphyliomma crotonis Toro (2)  
 Uredo sp. (6)
- C. CURRANII Blake  
 Phakopsora crotonis (Cke.) Arth. (Schroeteriaster crotonis (Burr.) Diet.) (2, 18)
- C. GLANDULOSUS L.  
 Cercospora maritima Tracy & Earle (2, 14)
- C. HIRTUS L'Hérit.  
 Phakopsora crotonicola (P. Henn.) Kern, Thurston & Whetzel (2)
- C. NIVEUS Jacq.  
 Gomezina araguata Chardon & Toro (2)
- CUCUMIS MELO L.  
 Erysiphe cichoracearum DC. (13) (Oidium stage only)  
 Pseudoperonospora cubensis (Berk. & Curt.) Rostow. (6, 13)
- CUCUMIS SATIVUS L.  
 Erysiphe cichoracearum DC. (13) (Oidium stage only)  
 Pseudoperonospora cubensis (Berk. & Curt.) Rostow. (6, 13)  
 Pseudomonas lachrymans (E.F.Sm. & Bryan) Carsner (4, Vol. 2, #1, Sept. 1949)



## CUCURBITA MAXIMA Duch.

- Erysiphe cichoracearum D.C. (13) (Oidium stage only)  
 Rhagadolobium curcurbitacearum (Rehm) Th. & Syd. (6)

## CUCURBITA MOSCHATA Duch.

- Pseudoperonospora cubensis (Berk. & Curt.) Rostow. (2, 6)  
 Rhagadolobium cucurbitacearum (Rehm) Th. & Syd. (2)

## CUCURBITA PEPO L.

- Erysiphe cichoracearum DC. (6, 13) (Oidium stage only)

## CUPANIA AMERICANA L.

- Irenopsis cupaniae (F. L. Stevens) F. L. Stevens (20)  
 Meliola praetervisa Gaill. (2)

## CURATELLA AMERICANA L.

- Cercospora chirguensis Chupp & Muller (6, 14)  
 C. curatellae Syd. (14)

## CYATHULA ACHYRANTHOIDES (H.B.K.) Moq.

- Albugo bliti (Biv.) Kuntze (2)  
 Uredo cyathulae Mayor (10)

## CYBIANTHUS BROWNII Gleason

- Meliola cybianthis Toro (2)

## CYCLANTHERA PEDATA (L.) Schrad.

- Cercospora cyclantherae Chupp & Muller (6, 14)

## CYDONIA OBLONGA Mill.

- Cercospora mali Ell. & Ev. (6, 13)  
 Colletotrichum gloeosporioides Penz. (13)

## CYNARA CARDUNCULUS L.

- Cercospora obscura Heald & Wolf (6, 14)

## CYNODON DACTYLON (L.) Pers. (CAPRIOLA DACTYLON (L.) Kuntze)

- Helminthosporium sp. (6)  
 Puccinia cynodontis (Lacroix) Desm. (2, 6)

## CYPERUS spp.

- Puccinia abrepta Kern (2)  
 P. cyperi Arth. (2)  
 P. cyperi-tagetiformis (P. Henn.) Kern (2)

## CYPERUS aff. ALTERNIFOLIUS L.

- Puccinia subcoronata P. Henn. (9)

## C. CARACASANUS Kunth

- Puccinia abrepta Kern (2)

## C. CAYENNENSIS (Lam.) Britton

- Puccinia sp. (6)  
 P. abrepta Kern (2)

## CYPERUS GLOBULOSUS Aubl.

- Puccinia canaliculata (Schw.) Lagh. (2)

## CYPERUS INCOMPLETUS (Jacq.) Link

- Puccinia abrepta Kern (2)

## CYPERUS LIGULARIS L.

- Cintractia limitata Clint. (2, 6)

## CYPERUS TENUIFOLIUS (Steud.) Dandy (KYLLINGIA PUMILA Michx.)

- Jredo kyllingiae P. Henn. (2, 6)

## DAHLIA spp.

- Entyloma dahliae Syd. (6, 13)  
 Meloidogyne sp., as Heterodera marioni (Cornu) Goodey (13)  
 Oidium sp. (6, 13)

## DALEA CARTHAGINENSIS (Jacq.) Macbr. (DALEA VULNERARIA var.

BARBATA Oerst., PAROSELA BARBATA (Oerst.) Rydb.)

- Puccinia sp. (6)  
 Uropyxis daleae (Diet. & Holw.) Magn. (2)

## DALECHAMPIA sp.

- Aecidium dalechampiicola P. Henn. (2)

## DATURA METELOIDES Dunal.

- Alternaria solani (Ell. & G. Martin) Sor. (2)

## DATURA STRAMONIUM L.

- Aecidium daturae Kern, Thurston & Whet. (2)

- (*Datura stramonium* cont.)  
*Alternaria* sp. (also *Macrosporium* sp.) (6)
- DAUCUS CAROTA L.  
*Alternaria dauci* (Kuehn) Groves & Skolko (*Macrosporium carotae* Ell. & Langl.) (6)  
*Septoria apii* Fres. (7)
- DESMODIUM spp. (MEIBOMIA spp.)  
*Cercospora desmodiicola* Ell. & Kell. var. *leiocarpa* Gonz. Frag. & Cif. (14)  
*C. meibomiae* Chupp (6, 14)  
*Meliola bicornis* Wint. (2)  
*Oidium* sp. (6)  
*Parodiella paraguayensis* Speg. (2)  
*Parodiella perisporioides* (Berk. & Curt.) Speg. (2)  
*Uromyces hedysari-paniculati* (Schw.) Farl. (2)
- D. ADSCENDENS (Sw.) DC.  
*Parodiella perisporioides* (Berk. & Curt.) Speg. (2)
- D. AFFINE Schlecht. (D. ALBIFLORUM Salzm.)  
*Uromyces hedysari-paniculati* (Schw.) Farl. (2)
- D. AXILLARE (Sw.) DC.  
*Uromyces hedysari-paniculati* (Schw.) Farl. (2)
- D. BARBATUM (L.) Benth. & Oerst.  
*Parodiella perisporioides* (Berk. & Curt.) Speg. (2)
- D. CAJANIFOLIUM (H.B.K.) DC.  
*Cercospora* sp. (6)  
*Puccinia* sp. (6)
- D. CANUM (Gmel.) Schinz & Thellung (MEIBOMIA FRUTESCENS Jacq.)  
*Uromyces hedysari-paniculati* (Schw.) Farl. (8)
- D. INTORTUM (Mill.) Urb.  
*Synchytrium citrinum* (Syd.) Gäum. (2)
- D. SCORPIURUS (Sw.) Desv.  
*Puccinia* sp. (6)
- D. SUPINUM (Sw.) DC  
*Cercospora meibomiae* Chupp (2, 14)  
*Meliola bicornis* Wint. (2)  
*Meliola denticulata* Wint. (2)  
*Meliola desmodii* Karst. & Roum. (2)
- D. TORTUOSUM (Sw.) DC. (MEIBOMIA PURPUREA (Mill.) Vail)  
*Cercospora desmodiicola* Ell. & Kell. var. *leiocarpa* Gonz. Frag. & Cif. (6)  
*Uromyces hedysari-paniculati* (Schw.) Farl. (2)
- DIANTHUS spp.  
*Alternaria dianthi* F. L. Stevens & Hall (6)  
*Meloidogyne* sp., as *Heterodera marioni* (Cornu) Goodey (13)  
*Septoria dianthi* Desm. (6, 13)  
*Uromyces caryophyllinus* (Schrank) Wint. (6, 13)
- D. CARYOPHYLLUS L.  
*Uromyces caryophyllinus* (Schrank) Wint. (9)
- DICHRONEMA sp.  
*Ustilaginoidea dichronemae* P. Henn. (2, 6)
- D. CILIATA Vahl  
*Puccinia dichronemae* (Arth.) Jacks. (8)
- "DIDYMOPANAX GUILFOGLEI": see POLYSCIAS GUILFOYLEI
- DIGITARIA HORIZONTALIS Willd.  
*Uromyces panici-sanguinalis* Rangel (2)
- D. SANGUINALIS (L.) Scop.  
*Piricularia grisea* (Cke.) Sacc. (6)
- DIOSCOREA spp.  
*Cercospora dioscoreae* Ell. & G. Martin (6, 14)  
*Phyllachora* sp. (6)  
*P. ulei* Wint. (2, 6)

## DIOSCOREA ALATA L.

Cercospora brasiliensis Averna-Saccá (6, 14)

## D. aff. GRANDIFLORA Mart.

Sphenospora pallida (Wint.) Diet. (2)

## D. TRIPHYLLA L.

Alternaria sp. (6)

Colletotrichum sp. (6)

## DIPLAZIUM EXPANSUM Willd.

Nipholepis filicina Syd. (19)

## DIPTERYX, see COUMAROUNA

## DITAXIS FENDLERI (Muell. Arg.) Pax &amp; K. Hoffm.

Cercospora argythamniae Dearn. &amp; House (6, 14)

## DOLICHOS LABLAB L.

Erysiphe polygoni DC. (7)

Phakopsora vignae (Bres.) Arth. (7)

Puccinia sp. (6)

## D. MINIMUS, D. RETICULATUS: see RHYNCHOSIA

## DORSTENIA CONTRAJERVA L.

Uredo rubescens Arth. (2)

## DRYOPTERIS POITEAUANA (Bory) Urban

Desmella superficialis (Speg.) Syd. (2)

## D. TETRAGONA (Sw.) Urban

Desmella superficialis (Speg.) Syd. (2)

## DUGGENA SPICATA: see GONZALAGUNIA SPICATA

## DURANTA MUTISH L. f.

Cercospora durantae Chupp &amp; Müller (6, 14)

Meliola sp. (6)

## DURANTA REPENS L.

Irenina pittieri (Toro) Orejuela (Irenopsis pittieri Toro) (2, 15)

Meliola sp. (6)

Phyllachora sp. (6)

P. fusicarpa Seaver (2, 6)

## ECHINOCHLOA COLONUM (L.) Link

Cercospora echinochloae J. J. Davis. (6, 14)

Piricularia grisea (Cke.) Sacc. (6)

## ECHITES TRIFIDA Jacq.

Hemileia jahnii Syd. (2)

Mycosphaerella discophora Syd. (9)

## ELEOCHARIS sp.

Puccinia liberta Kern (2)

## ELEPHANTOPUS spp.

Cercospora elephantopodis Ell. &amp; Ev. (6, 14)

Coleosporium sp. (6)

Mycena citricolor (Berk. & Curt.) Sacc. as Omphalia flavida  
(Cke.) Rangel & Maub. (6)

## E. ANGUSTIFOLIUS: see ORTHOPAPPUS ANGUSTIFOLIUS

## E. MOLLIS H. B. K.

Coleosporium elephantopodis (Schw.) Thuem. (2)

## ELEUSINE INDICA (L.) Gaertn.

Helminthosporium sp. (6)

## ELEUTHERANTHERA RUDERALIS (Sw.) Sch. &amp; Bip.

Puccinia melampodii Diet. &amp; Holw. (2)

## ELYONURUS TRIPSACOIDES H. &amp; B.

Phyllachora dolgei Chardon (2)

## ELYTRARIA TRIDENTATA Vahl

Puccinia elytrariae P. Henn. (2)

## EMMEORHIZA UMBELLATA (Spreng.) K. Schum.

Cercospora emmeorrhizae Syd. (14)

Uromyces emmeorrhizae Syd. (2)

## ERAGROSTIS CILIARIS (L.) Link

Uromyces eragrostidis Tracy (2)



- ERAGROSTIS CURTIPEDICELLATA Buckl.  
Puccinia sp. (6)
- E. NEOMEXICANA Vasey  
Uromyces eragrostidis Tracy (2)
- E. POLYTRICHA Nees  
Phyllachora eragrostidis Chardon (1)
- ERIGERON PUSILLUS Nutt. (LEPTILON PUSILLUM (Nutt.) Britton)  
Dimeriella erigeronicola F. L. Stevens (20)
- ERIOBOTRYA JAPONICA (Thunb.) Lindl.  
Mycena citricolor (Berk. & Curt.) Sacc. as Omphalia flavida (Cke.)  
Rangel & Maub. (6, 13)  
Pestalotia sp. (6)  
Phyllosticta sp. (6)  
P. eriotryae Thuem. (6, 13)
- ERIOCHLOA POLYSTACHYA H.B.K.  
Puccinia substriata Ell. & Barth. (8)
- ERODIUM sp.  
Cercospora sp. (6)
- ERYTHRINA spp.  
Dicheirinia sp. (6)  
Phyllosticta lasadjuntas Toro (2)
- ERYTHRINA GLAUCA Willd.  
Calostilbe striispora (Ell. & Ev.) Seaver (6)  
Cercospora erythrinae Syd. (6, 14)  
C. pittieri Syd. (14)  
Dicheirinia binata (Berk. & Curt.) Arth. (2)  
Phyllosticta erythrinicola Young (2)  
Puccinia sp. (6)
- ERYTHROXYLON spp.  
Uredo erythroxylois Graz. (2)  
Uredo sp. (6)
- ESPELETIA NERIIFOLIA (H.B.K.) Sch. Bip.  
Leptosphaeria jahnii Chardon (1)
- ESPELETIA SCHULTZII Wedd.  
Cercospora espeletiae Chupp (14)
- EUCHLAENA MEXICANA Schrad.  
Helminthosporium turcicum Pass. (6)
- EUGENIA spp.  
Asterina mandaquiensis P. Henn. (2)  
Catacauma eugeniicola Chardon (2)  
Dictothyriella lourdes Toro (2)  
Parasterina mirabilis Toro (2)  
Phyllachora tachirensis Chardon (2)  
Sphaerodothis consociata Chardon (2)
- EUGENIA PUNICAEFOLIA (H.B.K.) DC  
Parasterina mirabilis Toro (2)  
Rehmiodothis eugeniae Chardon (2)  
Stomiopeltis eugeniae Toro (2)
- EUPATORIUM spp.  
Cercospora sp. (6)  
Cionothrix praelonga (Wint.) Arth. (Cronartium praelongum Winter)  
(2, 6)  
Cronartium sp. (6)  
Irene sororcula (Speg.) Stev. (2)  
Septoria sp. (6)  
Phyllachora sp. (6)  
Puccinia eupatorii-columbiani Mayor (11)  
Typhodium eupatorii Seaver (2)
- E. BALLOTAEFOLIUM H.B.K.  
Septoria sp. (6). Host reported as "Vernonia ballotaefolia."  
Uredo eupatoriorum Mayor (2)

## EUPATORIUM IRESINOIDES H.B.K.

Puccinia aegopogonis Arth. &amp; Holw. (11)

## E. JAHNII Robinson

Cionothrix praelonga (Wint.) Arth. (Cronartium praelongum Wint.) (2)

## E. MACROPHYLLUM L.

Coleosporium eupatorii Arth. (2)

## E. ODORATUM L.

Cercospora sp. (6)

Cionothrix praelonga (Wint.) Arth. (18) (Cronartium praelongum Wint.) (2)

## E. SCANDENS: see MIKANIA SCANDENS

## EUPHORBIA spp. (including CHAMAESYCE)

Botrytis sp. (6)

Oidium sp. (6)

Puccinia sp. (6)

Sphaceloma sp. (6)

Uromyces proeminens (DC.) Pass. (6)

## E. CARACASANA Boiss.

Cercospora euphorbiae Kell. &amp; Swing. (6, 14)

## E. COTINIFOLIA L.

Puccinia venezuelana Kern, Thurston & Whet. (Uredo venezuelana Kern, Thurston & Whet.) (2, 10)

## E. GENICULATA Ortega

Melampsora euphorbiae-geniculatae Kern &amp; Thurston (11)

## E. GRAMINEA Jacq.

Albugo sp. (6)

## E. HETEROPHYLLA L.

Oidium sp. (7)

## E. HIRTA L. (CHAMAESYCE HIRTA Millsp.)

Uromyces proeminens (DC.) Pass. (Uromyces euphorbiicola Tranz.) (2, 18)

## E. HYPERICIFOLIA L. (CHAMAESYCE HYPERICIFOLIA (L.) Millsp.)

Microsphaera euphorbiae Pk. (2)

Uromyces proeminens (DC.) Pass. (6)

## E. HYSSOPIFOLIA L. (CHAMAESYCE HYSSOPIFOLIA (L.) Small)

Uromyces proeminens (DC.) Pass. (2)

## EVOLVULUS ALSINOIDES L.

Uredo evolvuli Speg. (2) (Probably stage of Puccinia tuyutensis Speg.)

## E. TENUIS Mart.

Meliola malacotricha Speg. (6)

Puccinia sp. (6)

## FAGOPYRUM ESCULENTUM Moench

Cercospora fagopyri Chupp &amp; Muller (6, 14)

## FAGARA PTEROTA L.

Meliola fagaricola (Speg.) F. L. Stevens (8)

## FAGARA aff. RHOIFOLIA Engl.

Aecidium xanthoxylinum Speg. (9)

## FESTUCA MYUROS L.

Puccinia epiphylla (L.) Wettst. (2)

## FICUS spp.

Catacauma portoricensis Chardon (6)

Cercospora elasticae Zimm. (2)

C. urostigmatis P. Henn. (6, 14)

Cerotelium fici (Cast.) Arth. (13)

Oidium sp. (6)

Puccinia sp. (6)

Uredo ficina Juel (10)

## FICUS CARICA L.

Cercospora elasticae Zimm. (6, 14)

Cerotelium fici (Cast.) Arth. (2, 6, 13)

## FICUS FLORESINA Pittier

Phyllachora trujillensis Chardon (2)

- FICUS GUANARENSIS Pittier  
Phyllachora portoricensis Chardon (6)
- FICUS TURBINATA Pittier  
Cerotelium fici (Cast.) Arth. (Physopella ficina Arth.) (2, 18)
- FIMBRISTYLIS sp.  
Phyllachora gracillima Speg. (6)
- F. DICHOTOMA (L.) Vahl (F. DIPHYLLA (Retz.) Vahl)  
Cintractia axicola (Berk.) Cornu (2)  
Phyllachora gracillima Speg. (2)
- FOURCROYA HUMBOLDTIANA Trel.  
Mirandia fourcroyae Toro (2)  
Sphaerodothis fourcroyae Chardon (2)
- FRAGARIA CHILOENSIS Duch.  
Mycosphaerella fragariae (Tul.) Lindau (7)  
Ramularia tulasnei Sacc. (13). Imperfect stage of *Mycosphaerella fragariae*.
- F. VESCA L.  
Cercospora vexans Massal. (6, 14)  
Ramularia tulasnei Sacc. (6)
- FUCHSIA sp.  
Cercospora fuchsiae Chupp & Muller (6, 14)
- FUNASTRUM CLAUSUM (Jacq.) Schltr.  
Puccinia concrescens Ell. & Ev. (2)
- F. GLAUCUM (H.B.K.) Schltr.  
Puccinia obliqua Berk. & Curt. (Puccinia kunzeana P. Henn.) (2, 18)
- GALACTIA spp.  
Phyllachora sp. (6)  
P. galactiae Earle (6)
- G. STRIATA (Jacq.) Urb.  
Phyllachora galactiae Earle (2)
- GALINSOGA CARACASANA (DC.) Sch. Bip.  
Albugo tragopogonis (DC.) S. F. Gray (2)  
Entyloma galinsogae Syd. (2, 6)
- GARDENIA sp.  
Corticium sp. (6)
- GERANIUM VELUTINUM Turcz.  
Puccinia unilateralis (Arth.) Cumm. (15)
- GLIRICIDIA SEPIUM (Jacq.) H.B.K.  
Cercospora atropurpurascens Chupp (2, 14)  
Cercospora gliricidasis Gonz. Frag. & Cif. (6, 14)  
Cercospora gliricidiae Syd. (14)  
Cercospora sp. (6)
- GLYCINE MAX (L.) Merr.  
Ascochyta pisi Lib. (6, 13)  
Cercospora glycines Cke. (13)  
Cercospora sojae Hara (6, 14)  
Meloidogyne sp. (Heterodera marioni (Cornu) Goodey) (7)  
Pseudomonas glycinea Coerper (Bacterium sojae Wolf) (13)  
Rhizoctonia microsclerotia Matz (6)  
Sclerotium rolfsii Sacc. (13)  
Virus (Mosaic) (7)
- GNAPHALIUM sp.  
Puccinia gnaphaliata (Schw.) Arth. & Bisby (2)
- G. SPICATUM Lam.  
Cercospora gnaphaliacea Cke. (14)
- GOMPHRENA IRESINOIDES (H.B.K.) Moq.  
Uromyces bonariensis Speg. (2, 8)
- GONZALAGUNIA SPICATA (Lam.) Maza (DUGGENA SPICATA (Lam.) Standley)  
Meliola psychotriae Earle (2)
- GOSSYPIUM spp.  
Alternaria sp. (6)  
Ascochyta gossypii Syd. (6)



## (Gossypium spp. cont.)

- Cercospora gossypii Cke. (6, 14)
- Cerotelium desmium (Berk. & Br.) Arth. (2, 6, 13)
- Colletotrichum gossypii Southworth (6, 13)
- Macrophomina phaseoli (Maub.) Ashby (6)
- Mosaic (Virus) (7)
- Mycosphaerella sp. (6)
- Ramularia areola Atk. (6, 13) The perfect stage, Mycosphaeriella areola Ehrlich & Wolf, has not been found in Venezuela.
- Sclerotium rolfsii Sacc. (6)
- Verticillium albo-atrum Reinke & Berth. (7, 13)
- Xanthomonas malvacearum (E.F.Sm.) Dowson (13)

## G. HIRSUTUM L.

- Alternaria macrospora Zimm. (3, year 1, No. 11, Nov. 1947)
- Cercospora gossypii Cke. (3, year 1, No. 11, Nov. 1947)
- Choanephora sp. (3, year 1, No. 10, Oct. 1947)
- Colletotrichum gossypii Southworth (3, year 1, No. 10, Oct. 1947)
- Fusarium vasinfectum Atk. (7)
- Ramularia areola Atk. (3, year 1, No. 11, Nov. 1947)
- Sclerotium rolfsii Sacc. (4, Vol. 1, No. 6, July 1949)

## GOUANIA LUPULOIDES (L.) Urb.

- Puccinia gouaniae Holw. (2)

## G. POLYGAMA (Jacq.) Urb.

- Catacauma contractum Syd. (2)
- Puccinia invaginata Arth. & J. R. Johnston (10)

## GRAMINEAE

- Dothichloë granulosa Chardon (2)

## GRISLEA sp.

- Cercospora grisleae Syd. (6, 14)

## G. SECUNDA L.

- Aecidium adenariae Mayor (8)
- Cercospora grisleae Syd. (14)
- Mollisia grisleae (Syd.) J. H. Miller & Burton (6)

## GUADUA LATIFOLIA Kunth

- Meliola sp. (6)
- Phyllachora guaduae Chardon (2)

## GUAREA sp.

- Uredo guareae Kern, Thurston & Whet. (2)

## GUAZUMA sp.

- Cercospora guazumae Syd. (2, 14)

## G. ULMIFOLIA Lam.

- Alternaria sp. (6)
- Cercospora flocculosa Syd. (14)
- Cercospora guazumae Syd. (6, 14)
- Periconia guazumae Linder (12)

## GURANIA sp.

- Meliola sp. (6)

## GURANIA SPINULOSA Cogn.

- Phyllachora cucurbitacearum Chardon (2)

## GURANIA WAGENERIANA (Schlecht.) Cogn.

- Cercospora cayaponiae F. L. Stevens & Solh. (14)
- Peltaster guraniae Toro (2)

## GUTTIFERAE

- Irenina mangostana (Sacc.) F. L. Stevens (20)

## GYMNOLONIA PATENS MACROPHYLLA: see HYMENOSTEPHIUM MICRO-CEPHALUM

## HAMELIA ERECTA Jacq.

- Aegerita webberi Faw. (19) An entomogenous species.
- Uredo hameliae Arth. (2)

## HEBECLINIUM: see EUPATORIUM

## HELIANTHUS ANNUUS L.

- Cercospora helianthi Ell. & Ev. (6, 14)

- (*Helianthus annuus* cont.)  
*Cercospora* sp. (6)  
*Erysiphe cichoracearum* DC. (6) In the Oidium stage only
- HELICONIA spp.  
*Leptosphaeria* sp. (6)  
*Metasphaeria* sp. (6)
- HELIOCARPUS AMERICANUS L.  
*Puccinia heliocarpi* Syd. (2)
- H. TRICHOPODUS Turcz.  
*Puccinia* sp. (6)
- HELIOPSIS BUPHTHALMOIDES (Jacq.) Dunal  
*Puccinia bimbergi* Mayor (2)
- HELIOTROPIUM spp.  
*Cercospora heliotropii* Ell. & Ev. (6)  
*Puccinia heliotropii* Kern & Kell. (8)
- H. INDICUM L.  
*Aecidium guatemalense* Kern & Kell. (9)
- HETEROTRICHUM MACRODON Planch.  
*Dimeriellopsis heterotrichi* Toro (2)
- HEVEA BENTHAMIANA Muell. Arg.  
*Catacauma huberi* (P. Henn.) Th. & Syd. (6)
- H. BRASILIENSIS (A. Juss.) Muell. Arg.  
*Dothidella ulei* P. Henn. (6)  
*Fusicladium* sp. (6)
- HIBISCUS: see also ABELMOSCHUS
- HIBISCUS sp.  
*Phyllosticta* sp. (6)
- H. ESCULENTUS L.  
*Ascochyta abelmoschi* Harter (13)  
*Ascochyta* sp. (6)  
*Cercospora hibisci* Tracy & Earle (2, 6, 13, 14)  
*Cercospora hibiscina* Ell. & Ev. (6, 13)  
*Cercospora malayensis* F. L. Stevens & Solh. (14)
- HICORIA PECAN: see CARYA ILLINOENSIS
- HIERACIUM spp.  
*Oidium* sp. (6)  
*Puccinia hieracii* (Schum.) H. Mart. (2)
- HILLERIA SECUNDA (R. & P.) H. Walt.  
*Puccinia hilleriae* Kern & Thurston (11)
- HOLCUS HALEPENSIS: see SORGHUM HALEPENSE
- H. SORGHUM: see SORGHUM VULGARE
- H. SORGHUM SUDANENSIS: see SORGHUM SUDANENSE
- HORDEUM VULGARE L.  
*Helminthosporium sativum* Pam., King & Bakke (13)  
*Helminthosporium* sp. (6)  
*Puccinia graminis* Pers. (6, 13)  
*Ustilago hordei* (Pers.) Lagh. (6, 13)  
*Ustilago nuda* (Jens.) Rostr. (6, 13)
- "HORTENSIA" sp.: see HYDRANGAEA
- HURA CREPITANS L.  
*Cercospora hurae* F. L. Stevens (6, 14)  
*Cercospora hurae* Linder & Whet. (12)
- HYDRANGAEA sp. (host reported as "HORTENSIA" sp. but must be HYDRANGAEA)  
*Cercospora* sp. (6)
- HYDROCOTYLE spp.  
*Cercospora hydrocotyles* Ell. & Ev. (6, 14)  
*Puccinia* sp. (6)  
*P. hydrocotyles* (Ck.) Cke. (6)
- HYDROCOTYLE UMBELLATA L.  
*Cercospora hydrocotyles* Ell. & Ev. (6, 14)  
*Puccinia hydrocotyles* (Lk.) Cke. (2)

- HYMENACHNE DONACIFOLIA (Raddi) Chase  
 Physalospora hymenachnei Chardon (1)
- HYMENAEA COURBARIL L.  
 Uredo hymenaeae Mayor (2)
- HYMENOCALLIS aff. CARIBAEA Herb.  
 Aecidium hymenocallis Kern & Thurston (11)
- HYMENOSTEPHIUM MICROCEPHALUM (Less.) Blake (GYMNOLONIA PATENS  
 MACROPHYLLA Rob. & Green)  
 Meliola gymnoloniae (2)
- HYPARRHENIA RUFA (Nees) Stapf  
 Helminthosporium sp. (6)
- HYPERICUM sp.  
 Aecidium monticolae Kern, Thurston & Whet. (2, 6)
- H. ULIGINOSUM H.B.K.  
 Uromyces hyperici-frondosi (Schw.) Arth. (2, 6)
- HYPTIS spp.  
 Cercospora hypticola Chupp & Muller (6, 14)  
 Irenopsis anastomosans (Wint.) Toro (2)  
 Puccinia sp. (6)  
 Rosencheldia paraguayana Speg. (6)
- H. CANESCENS H.B.K.  
 Puccinia medellinensis Mayor (8)
- H. CAPITATA Jacq.  
 Irenina hyptidicola (F. L. Stevens) F. L. Stevens (15)  
 Puccinia hyptidis (Curt.) Tracy & Earle (11)
- H. LAPPULACEA Mart.  
 Irenina hyptidicola (F. L. Stevens) F. L. Stevens (2)
- H. MUTABILIS (Rich.) Briq. (8)  
 Puccinia hyptidis var. mutabilis Mayor (8)
- H. MUTABILIS var. SPICATA (Poit.) Briq.  
 Irenina hyptidicola (F. L. Stevens) F. L. Stevens (2)
- H. PECTINATA Poit.  
 Puccinia medellinensis Mayor (2)
- IBATIA MARITIMA (L.) Dcne.  
 Cercospora ibatiae Chupp & Muller (6, 14)
- IMPATIENS BALSAMINA L.  
 Cercospora fukushiana (Matsuura) Yamamoto (14)  
 C. impatientis Berk. (13)  
 Oidium sp. (6, 14)
- IMPERATA CONTRACTA (H.B.K.) Hitchc.  
 Dictyochlorella sp. (6)  
 Phyllachora antioquensis Chardon (2, 6)
- INDIGOFERA ANIL L.  
 Parodiella perisporioides (Berk. & Curt.) Speg. (6)  
 Uredo sp. (6)
- I. MUCRONATA Spreng.  
 Uromyces indigoferae Diet. & Holw. (9)
- I. SUFFRUTICOSA Mill.  
 Parodiella perisporioides (Berk. & Curt.) Speg. (2)  
 Ravenelia indigoferae Tranz. (2)
- INGA spp.  
 Diatractium ingae (Allesch.) Syd. (19)  
 Meliola hariatula Speg. (15)  
 Parodiopsis stevensii Arn. (2)  
 Ravenelia ingae (P. Henn.) Arth. (Maravalia ingae Syd.) (2, 8)
- I. FASTUOSA (Jacq.) Willd.  
 Uredo ingae P. Henn. (6, 9)
- I. SPECTABILIS Willd.  
 Actinopeltis scitula Syd. (19)
- IONOXALIS spp.  
 Cercospora sp. (6)  
 Puccinia sp. (6)



## IPOMOEAE spp.

- Albugo ipomoeae-panduranae (Farl.) Swing. (2, 6)
- Cercospora bataticola Cif. & Brun. (14)
- C. ipomoeae Winter (14)
- Coleosporium ipomoeae (Schw.) Burr. (6)
- Endophyllum sp. (6)
- Meliola clavulata Wint. (2)
- Phyllosticta sp. (6)
- P. batatas Thuem. (6)
- Puccinia crassipes Berk. & Curt. (2)
- P. opulenta Speg. (2)
- P. puta Jacks. & Holw. (2)

## IPOMOEAE BATATAS (L.) Lam.

- Albugo ipomoeae-panduranae (Farl.) Swing. (13)
- Albugo minor (Speg.) Cif. (2)
- Phyllosticta batatas (Thuem.) Cke. (2, 13)

## IPOMOEAE CARNEA Jacq.

- Cercospora bataticola Cif. & Brun. (6, 14)
- Puccinia puta Jacks. & Holw. (P. distinguenda (Syd.) Jacks. & Holw.) (2, 8)
- Puccinia sp. (6)

## IPOMOEAE CATHARTICA Poir.

- Coleosporium ipomoeae (Schw.) Burr. (2)

## IPOMOEAE GLABRA (Aubl.) Choisy

- Coleosporium ipomoeae (Schw.) Burr. (2)

## IPOMOEAE MEYERI (Spreng.) G. Don.

- Albugo ipomoeae-panduranae (Farl.) Swing. (2)

## IPOMOEAE PES-CAPRAE (L.) Roth

- Albugo ipomoeae-panduranae (Farl.) Swing. (7)

## IPOMOEAE PURPUREA (L.) Lam.

- Albugo ipomoeae-panduranae (Farl.) Swing. (2)
- Meliola clavulata Wint. (2)

## IRENINA HYPTIDICOLA (F. L. Stevens) F. L. Stevens

- Ectosticta costaricana Syd. (2)
- Stigme costaricana Syd. (2)
- Trichothyrium dubiosum (Bom. & R.) Th. (15)

## IRENINA TRILOBA (Wint.) F. L. Stevens

- Stigme costaricana Syd. (2)

## IRENOPSIS GUIANENSIS (F. L. Stevens &amp; Dow.) F. L. Stevens

- Helminthosporium guianensis F. L. Stevens & Dowell (2)

## IRESINA CELOSIA L.

- Uromyces clarus Jacks. & Holw. (2)

## IRIS spp.

- Asterina libertiae Syd. (15)
- Meliola sp. (6)

## ISCHAEMUM LATIFOLIUM (Spreng.) Kunth

- Phyllachora ischaemicola Chardon (1)

## JACOBINA sp.

- Cercospora diantherae Ell. & Kell. (6, 14)

## JACQUEMONIA LACTESCENS Seem.

- Aecidium jacquemontiae Ell. & Ev. (10)

## JACQUEMONTIA NODIFLORA (Desv.) G. Don.

- Uromyces gemmatus Berk. & Curt. (2)

## JASMINUM sp.

- Cercospora jasminicola Chupp & Muller (13, 14)

## JASMINUM GRANDIFLORUM L.

- Cercospora jasminicola Chupp & Muller (14)

## JATROPHA CURCAS L.

- Phakopsora jatrophiicola (Arth.) Cumm. (Uredo jatrophiicola Arth.) (2, 8)

## JUSSIARAE spp.

- Cercospora jussiaeae Atk. (6, 14)
- C. ludwigiae Atk. (2)

KYLLINGIA PUMILA: see CYPERUS TENUIFOLIUS

LACTUCA spp.

Cercospora lactucae P. Henn. (2)

C. longissima (Trav.) Sacc. (2)

L. INTYBACEA Jacq.

Puccinia arthurella Trott. (9)

L. SATIVA L.

Alternaria sp. as Macrosporium sp. (6)

Bremia lactucae Regel (2)

Cercospora lactucae P. Henn. (14)

C. longissima (Trav.) Sacc. (6, 13, 14)

Rhizoctonia solani Kuehn (13)

Septoria lactucae Pass. (6, 13)

LAGERSTROEMIA INDICA L.

Septoria sp. (6)

Oidium sp. (6)

LANTANA spp.

Cercospora guianensis F. L. Stevens (14)

C. lantanae Chupp (2)

Puccinia lantanae Farl. (2)

L. ACHYRANTHIFOLIA Desf.

Meliola ambigua Pat. & Gaill. (19)

M. lantanae Syd. (6)

Prosopodium tuberculatum (Speg.) Arth. (9)

Puccinia sp. (6)

P. lantanae Farl. (2, 6)

L. ACULEATA L.

Puccinia lantanae Farl. (2)

L. CAMARA L.

Cercospora guianensis F. L. Stevens & Solh. (6, 14)

C. lantanae Chupp (2, 6, 14)

Epiphyma nervisequens (Chardon) J. H. Miller & Burton (1, 6)

Meliola lantanae Syd. (2)

Puccinia lantanae Farl. (2)

Rosencheldia paraguayana Speg. (6)

L. "SCHNIFFNERII"

Puccinia sp. (6)

L. TRIFOLIA L.

Meliola lantanae Syd. (20)

LASIACIS sp.

Meliola lasiacidis Toro (2)

LASIACIS DIVARICATA (L.) Hitchc.

Puccinia lasiacidis Kern (8)

LASIACIS PROCERRIMA (Hack.) Hitchc.

Angiopsora lenticularis Mains (11)

LASIACIS RUSCIFOLIA (H. B. K.) Hitchc.

Phyllachora lasiacis Syd. (2)

Uromyces costaricensis Syd. (U. leptodermus Syd.) (2, 18)

LASIACIS SORGHODEA (Desv.) Hitchc. & Chase

Uromyces costaricensis Syd. (U. leptodermus Syd.) (2, 18)

LAURACEAE

Clypeotrabutia meridensis Chardon (2)

Rehmiodothis lamulera Chardon (2)

LEONOTIS NEPETAEFOLIA (L.) R. Br.

Puccinia sp. (6)

P. leonotidis (P. Henn.) Arth. (2)

LEPTILON PUSILLUM: see ERIGERON PUSILLUS

LEPTOCHLOA DOMINGENSIS (Jacq.) Trin.

Phyllachora leptochloae Chardon (6)

L. VIRGATA (L.) Beauv.

Phyllachora sp. (6)

Puccinia leptochloae Arth. & Fromme (9)

- LINUM USITATISSIMUM L.  
Cercospora sp. (6)
- LIPPIA sp.  
Puccinia sp. (6)
- L. NODIFLORA (L.) Greene.  
Meliola lantanae Syd. (2)
- LOLIUM TEMULENTUM L.  
Gibberella saubinetii (Mont.) Sacc. (6)
- LONCHOCARPUS spp.  
Meliola lonchocarpicola F. L. Stevens (2)  
Pucciniopsis lonchocarpi Linder (12)  
Trabutia amphigena Chardon (2)
- L. FENDLERI Benth.  
Puccinia nephroidea Syd. (2)
- L. PUNCTATUS H.B.K.  
Trabutia conica Chardon (2)
- LORANTHUS: see PHTHIRUSA
- LUEHEA CANDIDA (DC.) Mart.  
Phyllosticta sp. (6)
- LUPINUS spp.  
Cercospora lupinicola Lien. (6, 14)  
Chrysocelis lupini Lagh. & Diet. (2)
- LYCOSERIS OBLONGIFOLIA Rusby  
Uredo lycoseridis Kern & Thurston (9)
- LYCOPERSICON ESCULENTUM Mill.  
Alternaria solani (Ell. & G. Martin) Sor. (6, 13)  
Cladosporium fulvum Cke. (2, 6, 13)  
Colletotrichum phomoides (Sacc.) Chester (6)  
Erwinia carotovora (L. R. Jones) Holland (13)  
Fusarium sp. (6)  
Marmor tabaci Holmes var. vulgare Holmes (7)  
Meloidogyne sp. (Heterodera marioni (Cornu) Goodey) (13)  
Phytophthora infestans (Mont.) D By. (2, 6, 13)  
Sclerotium rolfsii Sacc. (4, Vol. 1, No. 6, July 1949)  
Septoria lycopersici Speg. (6, 13)
- LYGODIUM VENUSTUM Sw.  
Puccinia lygodii (Hariot) Arth. (9)
- MABEA sp.  
Hyalasterina kerni Toro (20)
- MACHAERIUM spp.  
Phyllachora sp. (6)  
P. machaeriicola (P. Henn.) Th. & Syd. (2, 6)  
Uredo sp. (6)
- M. HUMBOLDTIANUM Vogel  
Catacauma venezuelansis (Syd.) Chardon (2)  
Phyllachora machaeriicola (P. Henn.) Th. & Syd. (2)  
Uredo pusilla Kern, Thurston & Whet. (2)
- M. MORITZIANUM Benth. .  
Catacauma venezuelansis (Syd.) Chardon (2, 6)  
Periconia toroi Linder (12)  
Phyllachora machaeriicola (P. Henn.) Th. & Syd. (2)
- M. ROBINAEFOLIUM Vogel  
Catacauma venezuelansis (Syd.) Chardon (2, 6)  
Phyllachora machaeriicola (P. Henn.) Th. & Syd. (2)
- MALACHRA ALCEIFOLIA Jacq.  
Cercospora malachrae Heald & Wolf (2, 14)
- MALPIGHIA GLABRA L.  
Colletotrichum sp. (6)
- MALUS SYLVESTRIS Mill. (PYRUS MALUS L.)  
Cercospora mali Ell. & Ev. (6, 13, 14)  
Gloeosporium fructigenum Berk. (13)



- MALVA sp.  
Ascochyta sp. (6)
- M. SYLVESTRIS L.  
Puccinia heterospora Berk. & Curt. (2)
- MALVASTRUM sp.  
Ramularia malvastri Linder (9)
- M. CORCHORIFOLIUM (Desv.) Britton  
Puccinia malvacearum Bert. (2)
- M. COROMANDELIANUM (L.) Garcke  
Puccinia malvacearum Bert. (2, 6)
- MAMMEA AMERICANA L.  
Pestalotia sp. (6)
- MANGIFERA INDICA L.  
Cercospora mangiferae Koord. (6, 14)  
Colletotrichum gloeosporioides: see Glomerella cingulata  
Gloeosporium mangiferae: see Glomerella cingulata  
Glomerella cingulata (Ston.) Spauld. & Schrenk (6) Also in imperfect stage as Colletotrichum gloeosporioides Penz. (2, 6), and Gloeosporium mangiferae P. Henn. (7)  
Meliola mangiferae Earle. (2, 6)  
Strigula elegans (Fee) Muell. Arg. (7)
- MANIHOT UTILISSIMA Pohl  
Cercospora caribaea Cif. (6, 14)  
C. henningsii Allesch. (13, 14)  
Phyllosticta sp. (6)  
Uromyces janiphae (Wint.) Arth. (2, 6, 13)
- MEDICAGO SATIVA L.  
Alternaria sp. (as Macrosporium sp.) (6)  
Cercospora medicaginis Ell. & Ev. (6, 13, 14)  
Cuscuta sp. (7)  
[Macrosporium medicaginis Cugini] (5, March 1948). A doubtful record, possibly Stemphylium sarcinaeforme (Cav.) Wilts.  
Pseudopeziza medicaginis (Lib.) Sacc. (6, 13)  
Sclerotium rolfsii Sacc. (5, April, May 1949)  
Stemphylium sarcinaeforme: see Macrosporium medicaginis  
Uromyces striatus Schroet. (6, 8, 13)
- MELANTHERA ASPERA (Jacq.) Steud.  
Uromyces columbianus Mayor (2)
- MELANTHERA HASTATA (Walt.) Michx.  
Uromyces columbianus Mayor (2)
- MELASTOMACEAE Indet.  
Septoria melastomatum (Lév.) Berl. & Vogl. (2)
- MELIA AZEDARACH L.  
Cercospora sp. (6)  
Phyllosticta ibarrae Toro (2)  
Septoria sp. (6)
- MELICOCCA BIJUGA L.  
Colletotrichum sp. (6)  
Meliola sapindacearum Speg. (2, 6)  
Strigula elegans (Fee) Muell. Arg. (7)
- MELINIS MINUTIFLORA Beauv.  
Helminthosporium sp. (6)  
Uredo melinidis Kern (8)
- MELIOLA sp.  
Calonectria erubescens (Rob.) Sacc. (2)
- MELOCHIA CARACASANA Jacq.  
Cercospora melanotes Syd. (6, 14)
- M. TOMENTOSA L.  
Cercospora melanotes Syd. (6, 14)
- MERREMIA QUINQUEFOLIA (Griseb.) E. Hall.  
Meliola clavulata Wint. (6)

## METASTELMA sp.

Sphaceloma sp. (6)

## M. CAMPANULATUM Dcne.

Phyllachora sp. (6)

## MICONIA spp.

Bagnisiopsis sp. (6)

B. peribebuyensis (Speg.) Th. &amp; Syd. (6)

B. spinulosa Chardon (6)

B. tijucensis The. &amp; Syd. (6)

Botryosphaeria multipunctata (Wint.) Syd. (6)

Dothidina sp. (6)

Lembosia sp. (6)

Meliola sp. (6)

Parasterina miconiae (Th.) Toro (2)

P. venezuelana (Syd.) Toro (2)

Phyllachora sp. (6)

Placoasterina antioquensis Toro (2)

Xenostomella meridensis Toro (2)

## M. AERUGINOSA Naud.

Cercospora sp. (6)

Parasterina miconiae (Th.) Toro (2)

P. montagnei Toro (2)

## M. CILIATA DC.

Asterina uribei Toro (2)

## M. DODECANDRA (Desr.) Cogn.

Pittierodothis miconiae Chardon (1, 6)

Pittieromyces miconiae Chardon (6)

## M. MACROPHYLLA (D. Don) Triana

Bagnisiopsis peribebuyensis (Speg.) Th. &amp; Syd. (6)

B. toledo Chardon (2)

## M. MINUTIFLORA DC.

Bagnisiopsis sp. (6)

B. tijucensis Th. &amp; Syd. (6)

Dothidina parisi Chardon (2, 6)

## M. PRASINA DC.

Bagnisiopsis peribebuyensis (Speg.) Th. &amp; Syd. (1, 6)

## M. ROSTRATA (Naud.) Cogn.

Meliola sp. (6)

## M. RUBIGINOSA DC.

Catacaumella miconiae (P. Henn.) Th. &amp; Syd. (2)

## M. STENOSTACHYA DC.

Lembosia miconicola Arn. (2)

## MIKANIA spp.

Achorella sp. (6)

A. andina Chardon (6)

Chrysocyclus mikaniae (Arth.) Syd. (10)

Endophylloides portoricensis Whet. &amp; Olive (6, 11)

## MIKANIA MICRANTHA H.B.K.

Puccinia spegazzini De T. (2)

## MIKANIA SCANDENS (L.) Willd. (EUPATORIUM SCANDENS L.)

Cionothrix praelonga (Wint.) Arth. (Cronartium praelongum Wint.) (6)

## MIMOSACEAE

Irenopsis trompilliana Toro (2)

Ravenelia igualiaca Arth. (2)

## MIMOSA spp.

Cercospora sp. (6)

Meliola sp. (6)

Oidium sp. (6)

Phyllachora sp. (6)

Ravenelia sp. (6)

Uredo sp. (6)

- MIMOSA ALBA var. FLORIBUNDA (Willd.) Robinson  
*Ravenelia mimosae-albidae* Diet. (2)
- M. ARENOSA Poir.  
*Cercospora hypsophila* Syd. (6, 14)  
*Ravenelia indissimilis* Kern, Thurston & Whet. (2)
- M. PUDICA L.  
*Ravenelia mimosae-sensitivae* P. Henn. (2)
- MOMORDICA CHARANTIA L.  
*Cercospora chardoniana* Chupp (2, 6, 14)  
Mosaic (Virus, probably *Marmor astrictum* Holmes var. *aucuba* Holmes)  
(7)
- MONNINA sp.  
*Cercospora monninae* Chupp & Muller (14)
- M. MERIDENSIS Pl. & Lind.  
*Phyllachora aequatoriensis* Th. & Syd. (18)
- M. PHYTOLACCAEFOLIA H.B.K.  
*Phyllachora aequatoriensis* Th. & Syd. (1, 6)
- M. PUBESCENS H.B.K.  
*Cercospora monninae* Chupp & Muller (6)  
*Meliola* sp. (6)  
*Phyllachora aequatoriensis* Th. & Syd. (6)  
*Phyllachora* sp. (6)
- MONOCHAETIUM sp.  
*Cercospora monochaeti* Chupp & Muller (6, 14)
- M. HIRTUM (Karst.) Triana  
*Uredo monochaeti* Kern & Thurston (10)
- M. POLYNEURON Triana  
*Cercospora amadelpha* Syd. (2)
- MONSTERA sp.  
*Uredo monstericola* Kern, Thurston & Whet. (2)
- M. ACUMINATA C. Koch  
*Uredo monsterae* Syd. (2)
- MORUS ALBA L.  
*Septogloeum mori* Berk. & Br. (6, 13)
- MUSA spp.  
*Cercospora musae* Zimm. (6, 13)  
*Cordana musae* Zimm. (13)  
*Fusarium oxysporum* Schlecht. var. *cubense* (E. F. Sm.) Wr. (13)  
*Gloeosporium musarum* Cke. & Mass. (13)  
*Pseudomonas solanacearum* E. F. Sm. (7)  
*Septonema* sp. (7)  
*Stachylidium theobromae* Turc. (13)
- MUSA CAVENDISHII Lamb.  
*Cercospora musae* Zimm. (6, 14)  
*Pestalotia* sp. (6)  
*Stachylidium theobromae* Turc. (6)
- MUSA PARADISIACA L.  
*Cercospora musae* Zimm. (6, 14)
- MUSA PARADISIACA var. SAPIENTUM L.  
*Cercospora musae* Zimm. (6, 14)  
*Cordana musae* Zimm. (6)  
*Gloeosporium musarum* Cke. & Mass. (6)  
*Pestalotia* sp. (6)  
*Xanthomonas solanacearum* (E. F. Sm.) Dowson (7) & Hall
- MUSA TEXTILIS Née  
*Pestalotia* sp. (6)
- MYOSOTIS sp.  
*Cercospora* sp. (6)
- MYRCIA spp.  
*Catacauma myrciae* (Lév.) Th. & Syd. (2)  
*Phyllachora* sp. (6)



## MYRCIA CARACASANA Klotzsch

Puccinia psidii Wint. (2)

## MYRSINACEAE

Valsonectria orbiculata Syd. (17)

## NICOTIANA TABACUM L.

Alternaria sp. (6)

Bacillus sp. (16)

Cercospora nicotianae Ell. &amp; Ev. (6, 7, 13, 14)

Diplodia sp. (6)

Fusarium sp. (16)

Macrophomina phaseoli Maubl. (6, 16)

Marmor tabaci Holmes var. vulgare Holmes (tobacco mosaic virus) (7)

Meloidogyne sp. (Heterodera marioni (Cornu) Goodey) (7, 13)

Phytophthora sp. (6)

P. parasitica Dast. var. nicotianae (Breda de Haan) Tucker (P. nicotianae (Speg.) Breda de Haan) (7)

Pratylenchus pratensis (de Man) Filipjev (16)

Pythium ultimum Drechs. (16)

Rhizoctonia solani Kuehn (13)

Ruga tabaci Holmes ("Kroepoek" virus) (7)

Sclerotinia sclerotiorum (Lib.) D By. (16)

Sclerotium rolfsii Sacc. (6)

## OCOTEA spp.

Clinoconidium farinosum (P. Henn.) Pat. (2, 6)

Phyllachora sp. (6)

## O. LEUCOXYLON (Sw.) Mez.

Clinoconidium farinosum (P. Henn.) Pat. (18)

## OLEACEAE

Phyllachora mayepeae F. L. Stevens &amp; Dalbey (2)

## OLIGANTHES HYPOCHLORA Blake (?)

Uredo paraphysata Kern &amp; Thurston (11)

## OLYRA CORDIFOLIA H.B.K.

Meliola sp. (6)

## O. LATIFOLIA L.

Puccinia deformata Berk. &amp; Curt. (10)

P. phakopsoroides Arth. &amp; Mains (2)

## OPERCULINA AEGYPTIA (L.) House

Albugo ipomoeae-panduranae (Farl.) Swing. (2)

## OPLISMENUS sp.

Phyllachora puncta (Schw.) C. R. Orton (2)

## O. BURMANNI (Retz.) Beauv.

Phyllachora puncta (Schw.) C. R. Orton (2, 6)

## O. SETARIUS (Lam.) R. &amp; S.

Puccinia inclita Arth. (2)

## OPUNTIA FICUS-INDICA L.

Colletotrichum sp. (6)

## ORTHOPAPPUS ANGUSTIFOLIUS (Sw.) Gleason (ELEPHANTOPUS ANGUSTIFOLIUS Sw.)

Coleosporium elephantopodis (Schw.) Thuem. (2)

## ORYZA SATIVA L.

Aposphaeria sp. (3, 1st year, No. 10, Oct. 1947)

Cercospora oryzae Miy. (6, 13)

Curvularia sp. (Acrothecium sp.) (6)

Entyloma oryzae Syd. (3, 1st year, No. 11, Nov. 1947; 13)

Fusarium sp. (7)

Helminthosporium oryzae Breda de Haan (3, 1st year, No. 11, Nov. 1947)

Helminthosporium sp. (3, 1st year, No. 11, Nov. 1947)

Hendersonia sp. (3, 1st year, No. 10, Oct. 1947; 6)

Leptosphaeria sp. (6)

Ophiobolus sp. (6)

Piricularia oryzae Cav. (6, 13)

Ustilaginoidea oryzae Bref. (6, 13)

- OXALIS spp.  
 Cercospora oxalidiphila Chupp & Muller (6, 14)  
 Colletotrichum sp. (6)  
 Phyllosticta sp. (6)  
 Puccinia oxalidis (Lév.) Diet. & Ell. (2, 6)
- O. LATIFOLIA H.B.K.  
 Phomopsis oxalina (Ell. & Ev.) Syd. (2)  
 Puccinia oxalidis (Lév.) Diet. & Ell. (2, 6)
- OXYBAPHUS VIOLACEUS (L.) Choisy  
 Albugo platensis (Speg.) Swing. (2, 6)
- OYEDAEA sp.  
 Phyllachora oyedaeae Chardon (2)
- O. VERBESINOIDES DC.  
 Phomatospora oyedaeae Chardon (1, 6)  
 Puccinia sp. (6)  
 P. holwayula Jacks. (P. oyedaeae Mayor, Eriosporangium oyedaeae (Mayor) Syd.) (2, 6, 11, 13, 18)
- PACHIRA INSIGNIS Sav.  
 Cercospora sp. (6)  
 C. pachirae Chupp & Muller (6, 14)  
 Phyllosticta sp. (6)
- PALICOUREA OBSCURATA (Muell. Arg.) Standl.  
 Meliola mitragybes Syd. (2)
- P. PETIOLARIS H.B.K.  
 Puccinia fallax Arth. (11)
- PANICUM sp.  
 Phyllachora panici-olivacei Chardon (6)
- P. BARBINODE Trin.  
 Uromyces leptodermus Syd. (2)
- P. LAXUM Sw.  
 Dothichloë sp. (6)
- P. MAXIMUM Jacq.  
 Balansia claviceps Speg. (7)  
 Cercospora fusimaculans Atk. (6, 14)  
 Cerebella andropogonis Ces. (6)  
 Cerebella panici Tracy & Earle (3, 1st year, No. 10, Oct. 1947)  
 Cladosporium sp. (6)  
 Claviceps purpurea (Fr.) Tul. (6)  
 Coniothyrium panici Syd. (2)  
 Fusarium sp. (6)  
 Sphacelia sp. (4)
- P. OLIVACEUM Hitchc. & Chase  
 Phyllachora panici-olivacei Chardon (1)
- P. PALMIFOLIUM Lam.  
 Balansia claviceps Speg. (B. trinitensis Cke. & Mass.) (6)
- P. PETROSUM Trin.  
 Ustilago panici-petrosi Syd. (2)
- P. PILOSUM Siv.  
 Claviceps sp. (6)
- P. PURPURASCENS Raddi  
 Puccinia sp. (6)
- P. TRICHOIDES Sw.  
 Puccinia huberi P. Henn. (2, 6)
- P. VISCIDELLUM Scribn.  
 Phyllachora puncta (Schw.) C. R. Orton (6)
- PAPAVER sp.  
 Cercospora sp. (6)
- PAPPOPHORUM ALOPECUROIDEUM Vahl  
 Phyllachora pappophori Chardon (1, 6)
- PARITUM TILIACEUM (L.) St. Hil.  
 Phyllachora paritii-tiliacei Chardon (1, 6)

## PARODIOPSIS STEVENSII Arn.

Ramularia tenuis (Syd.) Toro (2)

## PAROSELA BARBATA: See DALEA CARTHAGINENSIS

## PARTHENIUM sp.

Cercospora parthenii Chupp (6)

## P. HYSTEROPHORUS L.

Cercospora parthenii Chupp (2, 6, 14)

Oidium sp. (6)

Puccinia sp. (6)

P. parthenii (Speg.) Arth. (2)

## PASPALUM spp.

Claviceps paspali F. L. Stevens & Hall (Spermoedia stevensii Seaver)  
(2)

Puccinia sp. (6)

Tilletia rugispora Ell. (2)

Ustilago venezuelana Syd. (2)

## P. ACUMINATUM Raddi

Phyllachora leonardi Chardon (2)

## P. BOSCIANUM Flügge

Claviceps paspali F. L. Stevens &amp; Hall (6)

## P. CANDIDUM (Humb. &amp; Bonpl.) Kunth

Puccinia macra Arth. &amp; Holw. (9)

## P. CONJUGATUM L.

Angiopsora compressa Mains (9); reported (2) in error as Puccinia tubulosa (Pat. & Gaill.) Arth.

Myriogenospora bresadoleana P. Henn. (2, 6)

M. paspali Atk. (6)

Phyllachora paspalicola P. Henn. (2, 6)

## P. CONVEXUM Humb. &amp; Bonpl.

Helminthosporium sp. (6)

## P. DECUMBENS Sw.

Angiopsora compressa Mains (9); reported (8) as in error as Puccinia tubulosa (Pat. & Gaill.) Arth.

Phyllachora paspalicola P. Henn. (6)

Telimena sp. (6)

## P. HUMBOLDTIANUM Flügge

Angiopsora compressa Mains (9); reported (2) in error as Puccinia tubulosa (Pat. & Gaill.) Arth.

Phyllachora sp. (6)

Puccinia substriata Ell. &amp; Barth. (8)

Uredo sp. (6)

## P. LANGEI (Fourn.) Nash

Puccinia substriata Ell. & Barth. Reported in error as Puccinia levis (Sacc. & Bizz.) Magn. (2) and P. paspali Tracy & Earle (18)

## P. MICROSTACHYUM Presl

Puccinia araguata Kern (8); reported (2, 8) as P. paspalicola Kern, Thurston & Whet.

## P. MOLLE Poir.

Puccinia sp. (6)

P. substriata Ell. &amp; Barth. (2)

## P. PANICULATUM L.

Angiopsora compressa Mains. (9) Reported (2) in error as Puccinia tubulosa (Pat. & Gaill.) Arth.

Phyllachora microspora Chardon (2)

Phyllachora molinae Chardon (2)

Puccinia dolosa Arth. &amp; Fromme (9)

Puccinia sp.

## P. PILOSUM Lam.

Phyllachora microspora Chardon (2)

Puccinia levis (Sacc. & Bizz.) Magn. (8) Doubtless in error for Puccinia substriata Ell. & Barth.



- PASPALUM PLICATULUM Michx.  
 Angiopsora compressa Mains (9)
- P. UNISPICATUM (Scribn. & Merr.) NASH  
 Fusarium sp. (6)  
 Helminthosporium sp. (6)
- P. VIRGATUM L.  
 Phyllachora guianensis F. L. Stevens (2)
- PASSIFLORA spp.  
 Asterina megalospora Berk. & Curt. (6)  
 Cercospora truncatella Atk. (6)  
 Colletotrichum sp. (7)  
 Glomerella sp. (6)
- P. EDULIS Sims  
 Puccinia scleriae (Paz.) Arth. (2)
- P. PALLIDA L.  
 Asterina megalospora Berk. & Curt. (2)  
 Puccinia scleriae (Paz.) Arth. (2)
- P. QUADRANGULARIS L.  
 Alternaria sp. (6)
- P. RUBRA L.  
 Asterina passiflorae (P. Henn.) Sacc. (2)
- PAULLINIA aff. PINNATA L.  
 Puccinia arechavaletae Speg. (2)
- PAVONIA sp.  
 Cercospora pavoniae Petr. & Cif. (14)
- P. PANICULATA Cav.  
 Cercospora pavoniae Petr. & Cif. (6, 14)  
 Puccinia heterospora Berk. & Curt. (2)
- PEHRIA COMPACTA (Rusby) Sprague (GRISLEA COMPACTA Rusby)  
 Aecidium adenariae Mayor (8)  
 Uredo pehriae Kern & Thurston (11)
- PEIRANISIA MIRANDINA Britton & Rose.  
 Ravenelia sp. (6)
- P. SAERI Britton & Rose  
 Ravenelia cubensis Arth. (10)
- PELARGONIUM ZONALE Willd.  
 Botrytis vulgaris Fr. (6, 13)  
 Cercospora brunckii Ell. & Gall. (6, 13, 14)
- PENNISETUM BAMBUSIFORME (Fourn.) Hemsl.  
 Sphaerodothis columbiensis Chardon (2)
- P. PERUVIANUM Trin.  
 Puccinia atra Diet. & Holw. (8)
- PEPEROMIA sp.  
 Phyllosticta sp. (6)
- PEPO MOSCHATA: see CUCURBITA MOSCHATA
- PERESKIA GUAMACHO Weber  
 Cercospora sp. (6)
- PERSEA sp.  
 Phyllachora maculicola Chardon (2)
- P. AMERICANA Mill. (P. GRATISSIMA GAERTN.)  
 Cercospora sp. (13)  
 C. purpurea Cke. (6, 14)  
 Colletotrichum sp. (6)  
 C. gloeosporioides Penz. (6, 13)  
 Diplodia sp. (7)  
 Meliola sp. (6)  
 Oidium sp. (6, 13)  
 Phyllachora gratissima Rehm (2, 6, 13)
- P. CAERULEA (R. & P.) Mez.  
 Phyllachora maculicola Chardon (6)
- PERSICARIA: see POLYGONUM

- PETROSELINUM CRISPUM (Mill.) Nym.  
*Septoria petroselini* Desm. (6)
- PETUNIA sp.  
*Cercospora petuniae* Chupp & Muller (6, 13, 14)
- PFAFFIA IRESINOIDES (H.B.K.) Kuntze  
*Cercospora gomphrenicola* Speg. (2, 6, 13, 14)  
*Puccinia* sp. (6)
- PHARUS LATIFOLIUS L.  
*Phyllachora phari-latifolii* Chardon (1)
- PHASEOLUS sp.  
*Mycosphaerella* sp. (6)
- P. COCCINEUS L. (P. MULTIFLORUS Willd.)  
*Ascochyta* sp. (6)  
*Phyllachora phaseoli* (P. Henn.) Th. & Syd. (6)
- P. LUNATUS L.  
*Alternaria* sp. (2, 6)  
*Ascochyta pisi* Lib. (6)  
*Cercospora canescens* Ell. & G. Martin (14)  
*Isariopsis griseola* Sacc. (*Cercospora columnaris* Ell. & Ev.) (13, 14)  
*Marmor cucumeris* Holmes var. *phaseoli* Holmes (7) (virus, mosaic)  
*Phakopsora vignae* (Bres.) Arth. (9)  
*Rhizoctonia microsclerotia* Matz (6, 13)  
*Uromyces* sp. (6)
- P. MUNGO L.  
*Ascochyta pisi* Lib. (6)  
*Cercospora canescens* Ell. & G. Martin (6, 14)
- P. VULGARIS L.  
*Alternaria* sp. (6)  
*Ascochyta pisi* Lib. (6, 13)  
*Cercospora canescens* Ell. & G. Martin (13, 14)  
*C. cruenta* Sacc. (13, 14)  
*C. phaseolina* Speg. (6)  
*Cladosporium* sp. (6)  
*Colletotrichum lindemuthianum* (Sacc. & Magn.) Briosi & Cav. (6, 13)  
*Erysiphe polygoni* DC. (13) Oidium stage only  
*Isariopsis griseola* Sacc. (*Cercospora columnaris* Ell. & Ev.) (2, 6, 13, 14)  
*Macrophomina phaseoli* (Maub.) Ashby (6, 8)  
Mosaic (virus) (7)  
*Mycosphaerella* sp. (6)  
*Phyllachora phaseoli* (P. Henn.) Th. & Syd. (6)  
*Rhizoctonia microsclerotia* Matz (6, 13)  
*R. solani* Kuehn (13)  
*Sclerotium rolfsii* Sacc. (13)  
*Uromyces phaseoli typica* Arth. (2, 6, 13)  
*Xanthomonas phaseoli* (E.F.Sm.) Dowson (4, Vol. 2, No. 1, Sept. 1949)
- PHLEUM PRATENSE L.  
*Helminthosporium* sp. (6)
- PHOENIX DACTYLIFERA L.  
*Graphiola phoenicis* (Moug.) Poit. (2, 6, 13)
- PHORADENDRON CRASSIFOLIUM (Phol) Eichl.  
*Cercospora* sp. (7)
- PHTHIRUSA PYRIFOLIA (H.B.K.) Eichl.  
*Meliola visci* F. L. Stevens (2)
- PHTHIRUSA THEOBROMAE (Willd.) Eichl.  
*Asterina loranthicola* Syd. (2)
- PHYLLACHORA CHAETOCHLOAE F. L. Stevens  
*Pleospora doidgeae* Petr. (2)
- PHYLLANTHUS spp.  
*Aecidium albicans* Arth. & Holw. (2)  
*Ravenelia appendiculata* Lagh. & Diet. (2)

- PHYLLANTHUS BOTRYANTHUS** Muell. Arg.  
*Aecidium detritum* Thuem. (2)
- PHYLLANTHUS MICRANDRUS** Muell. Arg.  
*Ravenelia appendiculata* Lagh. & Diet. (2)
- PHYSALIS** sp.  
*Chlorogenus* sp. (virus) (7)
- PHYTOLACCA RIVINOIDES** Kunth & Bouché (?)  
*Aecidium calotheum* Syd. (2)
- PILEA** sp.  
*Irenina triloba* (Wint.) F. L. Stevens (2)
- PIPER** spp.  
*Amazonia asterinoides* (Wint.) Th. (20)  
*Cercospora piperis* Pat. (6, 14)  
*C. portoricensis* Earle (2)  
*Phyllachora pipericola* Chardon (2)
- P. ADUNCUM** L.  
*Cercospora piperis* Pat. (6, 14)  
*C. portoricensis* Earle (2, 14)
- P. PELTATUM** L. (**POTOMORPHE PELTATA** (L.) Miq.)  
*Cercospora portoricensis* Earle (2)  
*Irenopsis tortuosa* (Wint.) F. L. Stevens (2)
- PISUM SATIVUM** L.  
*Ascochyta pisi* Lib. (6, 13)
- PITHECELLOBIUM** spp.  
*Phyllosticta* sp. (6)  
*P. pithecolobii* Young (2)
- P. DULCE** (Willd.) Benth.  
*Ravenelia* sp. (6)  
*R. pithecolobii* Arth. (9)
- P. LANCEOLATUM** (H.B.K.) Benth.  
*Cercospora spilosticta* Syd. (14)
- P. LIGUSTRINUM** Klotzsch  
*Cercospora bauhiniae* Syd. (6)  
*C. spilosticta* Syd. (6, 14)  
*Meliola pithecolobii* F. L. Stevens & Tehon (20)  
*M. venezuelana* Orejuela (15)  
*Phyllosticta* sp. (6)  
*P. pithecolobii* Young (2)
- PITYROGRAMMA CALOMELANOS** (L.) Link  
*Desmella gymnogrammes* (P. Henn.) Syd. (2)
- PLANTAGO** spp.  
*Cercospora plantaginis* Sacc. (6)  
*Phyllosticta plantaginella* Sacc. (6)
- P. BUCHTIENII** Pilger  
*Septoria tovarensis* Syd. (2)
- P. MAJOR** L.  
*Cercospora plantaginis* Sacc. (6, 14)  
*Phyllosticta plantaginella* Sacc. (6)
- PLUCHEA ODORATA** (L.) Cass.  
*Cercospora pluchae* Petr. & Cif. (6)
- PLUMIERIA** sp.  
*Coleosporium domingensis* (Berk.) Arth. (2)
- P. ALBA** L.  
*Coleosporium domingensis* (Berk.) Arth. (6)
- P. RUBRA** L.  
*Coleosporium domingensis* (Berk.) Arth. (2)  
*Puccinia* sp. (6)
- POA ANNUA** L.  
*Puccinia epiphylla* (L.) Wettst. (2)
- POA** aff. **BRACHYPHYLLA** Schult.  
*Puccinia epiphylla* (L.) Wettst. (2)



- POINCIANA sp.  
     *Cercospora poinciana* Chupp & Muller (6, 14)
- POIRETIA SCANDENS Vent.  
     *Ravenelia* sp. (6)  
     *Uromyces* sp. (6)  
     *U. poiretiae* Syd. (8)
- POLYGALA sp.  
     *Cladosporium* sp. (6)
- P. COLUMBICA Chodat  
     *Cercospora grisea* Cke. & Ell. (6, 14)
- POLYGONUM spp. (including PERSICARIA)  
     *Cercospora* sp. (6)  
     *C. avicularis* Wint. (14)  
     *C. polygonorum* Cke. (2, 14)
- POLYGONUM PUNCTATUM Ell. (PERSICARIA PUNCTATA (Ell.) Small)  
     *Puccinia polygami-amphibii* Pers. (2)  
     *Ustilago utriculosa* (Nees) Tul. (2)
- POLYLEPIS SERICEA Wedd.  
     *Hypoxyton serpens* Fr. (2)  
     *Podoplaconema jahnii* Chardon (2)  
     *Uredo polylepidis* (Arth.) Sacc. & Trotter (2)
- POLYPODIUM BRASILIENSE Poir.  
     *Calidion lidsaeae* (P. Henn.) Syd. (2)
- P. ELONGATUS H.B.K.  
     *Puccinia graminis* Pers. (8)
- POLYSCIAS GUILFOYLEI (Bull.) Bailey (host reported as "DIDYMOPANAX GUILFOGLEI", presumably this)  
     *Alternaria* sp. (6)
- POROPHYLLUM RUDERALE (Jacq.) Cass.  
     *Puccinia porophylli* P. Henn. (2)
- PORTULACA OLERACEA L.  
     *Albugo portulacae* (DC.) Kuntze (2, 6)
- POTOMORPHE PELTATA: see PIPER PELTATUM
- POUZOLIA OCCIDENTALIS Wedd.  
     *Aecidium yuquillae* Pat. (2)
- PRIVA LAPPULACEA (L.) Pers.  
     *Puccinia lantanæ* Farl. (2)
- PRUNUS CAPULI Cav.  
     *Sphaceloma* sp. (6)
- P. PERSICA: see AMYGDALUS
- P. SEROTINA Ehrh.  
     *Elsinoë* sp. (6)
- PSEUDO-ELEPHANTOPUS SPICATUS (B. Juss.) Gleason  
     *Coleosporium elephantopodis* (Schw.) Thuem. (2)
- PSIDIOPSIS MORITZIANA Berg.  
     *Puccinia psidii* Wint. (2)
- PSIDIUM spp.  
     *Caudella psidii* Ryan (2)  
     *Meliola psidii* Fr. (2)  
     *Phyllachora tropicalis* Speg. (1, 6)
- P. GUAJAVA L.  
     *Caudella psidii* Ryan (2, 6)  
     *Meliola psidii* Fr. (6)  
     *Phyllosticta* sp. (6)
- P. GUINEENSE Sw.  
     *Phyllachora tropicalis* Speg. (1, 6)
- PSYCHOTRIA sp.  
     *Meliola* sp. (6)
- P. HORIZONTALIS Sw.  
     *Aecidium psychotriae* P. Henn. (2)
- PTERIDIUM AQUILINUM (L.) Kuhn.  
     *Uredinopsis macrosperma* (Cke.) Magn. (2)

- PUCCINIA sp.  
Tuberculina costaricana Syd. (2)
- P. LANTANAE Farl.  
Olpidium uredinis (Lagh.) Fischer (2)
- P. PURPUREA Cke.  
Darluca sp. (3, 1st year, No. 10, Oct. 1947)  
D. filum (Biv.) Cast. (2)  
Eudarluca sp. (3, 1st year, No. 10, Oct. 1947)
- PUERARIA sp.  
Mosaic (virus) (7)
- PUNICA GRANATUM L.  
Cercospora punicae P. Henn. (6, 13)  
Coniothyrium sp. (6)
- PYRUS COMMUNIS L.  
Cercospora mali Ell. & Ev. (13)
- P. MALUS: see MALUS SYLVESTRIS
- QUARARIBEA sp.  
Scolecopeltis laeae Toro (20)
- RAJANIA sp.  
Phyllachora sp. (6)
- RANDIA sp.  
Fusicladium sp. (6)
- R. ARMATA (Sw.) DC.  
Phakopsora randiae Kern & Thurston (11)
- R. CARACASANA Standl.  
Phakopsora randiae Kern & Thurston (11)
- RAPANEA spp.  
Echidnodella cedralensis Toro (2)  
Meliola sp. (6)
- RAPHANUS SATIVUS L.  
Albugo candida (Pers.) Kuntze (6, 13)  
Alternaria brassicae (Berk.) Sacc. (6, 13 as Macrosporium herculeum  
Ell. & G. Martin)  
Cercospora cruciferarum Ell. & Ev. (14)
- RAUWOLFIA HIRSUTA Jacq.  
Cercospora liebenbergii Syd. (14)  
Cercospora rauwolfiae Chupp & Muller (14)
- RHEUM RHAPONTICUM L.  
Cercospora rhapontici Tehon & Daniels (6, 14)
- RHIZOPHORA MANGLE L.  
Anthostomella rhizophorae Vizioli (2) (correction of A. rhizomorphae ?)
- RHYNCHOSIA MINIMA (L.) DC. (DOLICHOS MINIMUS (L.) Medic.)  
Synchytrium dolichi (Cke.) Gäum. (2)
- R. RETICULATA (Sw.) DC. (D. RETICULATUS (Sw.) Mill.)  
Synchytrium dolichi (Cke.) Gäum. (2)
- RICHINUS sp.  
Cercospora ricinella Sacc. (2)
- R. COMMUNIS L.  
Cercospora sp. (6)  
C. ricinella Sacc. (2, 6, 14)  
Sclerotinia ricini Godfrey (6)
- ROBINIA PSEUDOACACIA L.  
Ascochyta sp. (6)
- RONDELETIA PUBESCENS H.B.K.  
Meliola psychotriae Earle (6)
- RONDELETIA sp.  
Meliola mitchellae Cke. (2)
- ROSA spp.  
Actinonema rosae (Lib.) Fr. (2, 6, 13)  
Botrytis vulgaris Fr. (13)  
Cercospora rosaecola Pass. (2, 6, 13, 14)  
Diplodia sp. (6)

(Rosa spp. cont.)

- Gloeosporium sp. (6)
- Mycosphaerella rosaecola (Pass.) B. H. Davis (13)
- M. rosigena (Ell. & Ev.) Lindau (2, 6)
- Oidium sp. (6)
- Phragmidium sp. (6)
- P. disciflorum (Tode) James (2)
- P. subcorticinum (Schrank.) Wint. (6, 13)
- Sphaceloma rosarum Jenkins (6, 13)
- Sphaerotheca pannosa (Wallr.) Lév. (2), also (13) as Oidium leucoconium Desm. and (6) as O. "coniconium" Desm., prob. error for O. leucoconium as no such name exists.

ROUPALA spp.

- Catacauma sp. (6)
- C. rhopalinum (Mont.) Th. & Syd. (2, 6)
- Phyllachora sp. (6)

R. COMPLICATA H.B.K.

- Dothidea sp. (7)

ROUREA sp.

- Phyllachora sp. (6)

RUBIACEAE indet.

- Meliola mitchellae (Cke.) Grev. (2)

RUBUS spp.

- Mainsia cundinamarcensis (Mayor) Jacks. (2)
- M. mayorii Jacks. (2)
- M. variabilis (Mayor) Jacks. & Hol. (2)
- Meliola calostroma (Desm.) Hoehn. (6)
- Puccinia sp. (6)

R. IDAEUS L.

- Septoria rubi West. (7)

R. GUYANENSIS Focke

- Mainsia mayorii Jacks. (2) (Uromyces quitensis (18))

R. ROBUSTUS Presl

- Mainsia lagerheimii (Magn.) Jacks. & Holw. (9)

RUDGEA sp.

- Puccinia sp. (6)

RUELLIA TUBEROSA L.

- Puccinia ruelliae (Berk. & Br.) Lagh. (9)

RUMEX sp.

- Cercospora sp. (6)

RYNCHOSPORA spp.

- Cintractia leucoderma (Berk.) P. Henn. (2)
- C. utriculicola (P. Henn.) Clint. (2)

R. CORYMBOSA (L.) Britton

- Cintractia utriculicola (P. Henn.) Clint. (2)

R. GLOBOSA R. & S.

- Uromyces rynchosporae Ell. (2)

SABICEA COLUMBIANA Wernham

- Uredo sabiceicola Arth. (2)

SACCHARUM OFFICINARUM L.

- Cercospora koepkei Kruger (6, 14)
- C. longipes Butl. (13)
- Coniothyrium melanosporum (Berk.) Sacc. (2)
- Fusarium moniliforme Sheldon (2, 13)
- Helminthosporium sp. (6)
- H. ocellum Faris (2)
- H. stenopilum Drechs. (6, 13)
- Leptosphaeria sacchari Breda de Haan (2, 6, 13)
- Ligniera vascularum (Matz) Cook (2)
- Melanconium sacchari Mass. (6, 13)
- Mosaic (virus) (13)
- Mycosphaerella sacchari (Speg.) Seaver & Chardon (2)



- (*Saccharum officinarum* L. cont.)  
*Sclerotium rolfsii* Sacc. (6)
- SALPIANTHUS PURPURASCENS** (Cav.) H. & A.  
*Cercospora boldoae* Chupp & Muller (6, 14)  
*C. salpianthi* Chupp & Muller (6, 14)
- SALVIA** spp.  
*Meliola* sp. (6)  
*Puccinia albicera* Jacks. & Holw. (2)  
*P. conturbata* Jacks. & Holw. (2)
- SALVIA** aff. **COCCINEA** Juss.  
*Puccinia impedita* Mains & Holw. (11)
- SAMANEA SAMAN** (Jacq.) Merrill  
*Cercospora samaneae* Chupp & Muller (6, 14)  
*Microstroma pithecolobii* Lamkey (2)  
*Mycosphaerella samaneae* Chardon (1, 6)  
*Phoradendron crassifolium* Nutt. (7)
- SAPINDACEAE**, aff. **PAULLINIA**  
*Dexteria pulchella* F. L. Stevens (19)
- SAPINDUS SAPONARIA** L.  
*Oidium* sp. (6)
- SAPIUM** sp.  
*Uromyces cisneroanus* Speg. (11)
- SAURAUJA HUMBOLDTIANA** Busc.  
*Phyllachora sauranicola* Chardon (1, 6)  
*Trabutia sauraniae* Chardon (1, 6)
- SCABIOSA** sp.  
*Cercospora* sp. (6)
- SCLERIA** sp.  
*Ustilago subnitens* Schroet. & P. Henn. (2)
- S. BRACTEATA** Cav.  
*Phyllachora scleriae* Rehm (2)
- S. MACROPHYLLA** Presl  
*Uromyces scleriae* P. Henn. (9)
- S. SECANS** (L.) Urban  
*Puccinia mirandensis* Kern & Thurston (11)
- SCLEROCARPUS COFFEAECOLA** Klatt  
*Oidium* sp. (6)
- SECALE CEREALE** L.  
*Gibberella saubinetii* (Mont.) Sacc. (6) [Probably *G. zeae* (Schw.) Petch]  
*Helminthosporium sativum* Pass. (6)
- SECHIUM EDULE** Sw.  
*Cercospora sechii* F. L. Stevens (6, 13)
- SECURIDACA** spp.  
*Cercospora securidacae* Chupp & Muller (6, 14)  
*Phyllachora* sp. (6)  
*P. securidacae* P. Henn. (6)
- S. SCANDENS** Jacq.  
*Phyllachora securidacae* P. Henn. (2)
- SENECIO GREENMANIANUS** Hieron.  
*Chrysocylus senecionis* Davidson (2)
- SERJANIA** spp.  
*Meliola sapindacearum* Speg. (2)  
*M. trujillensis* Toro (2)  
*Nectria* sp. (6)  
*Phyllachora* sp. (6)  
*P. galavisi* Chardon (2, 6)  
*P. insueta* Syd. (2, 6)  
*P. serjanicola* Chardon (2, 6)  
*Puccinia* sp. (6)  
*Septoria* sp. (6)
- S. ATROLINEATA** C. Wright  
*Meliola sapindacearum* Speg. (2)

- (*Serjania atrolineata* cont.)  
*Phyllachora alamoii* Chardon (2)  
*P. insueta* Syd. (2)
- S. CARACASANA Willd.  
*Phyllachora serjanicola* Chardon (2)
- S. COMMUNIS Cambess  
*Meliola serjaniae* F. L. Stevens (2)
- S. MEXICANA (L.) Willd.  
*Aecidium serjaniae* P. Henn. (6, 8)
- S. PANICULATA H.B.K.  
*Phyllachora serjanicola* Chardon (2)
- SESAMUM INDICUM L. (S. ORIENTALE L.)  
*Alternaria* sp. (6)  
*Cercospora sesami* Zimm. (2, 6, 13, 14)  
*(Macrosporium)* sp. (6)  
Mosaic (virus) (13)  
*Phytophthora* sp. (4, Vol. 1, No. 6, July 1949)  
*Rhizoctonia solani* Kuehn (13)
- SETARIA sp.  
*Claviceps* sp. (6)
- S. GENICULATA (Lam.) Beauv.  
*Puccinia chaetochloae* Arth. (9)  
*P. setariae* Diet. & Holw. (2)  
*P. substriata* Ell. & Barth. (2)
- S. PANICULIFERA (Steud.) Fourn.  
*Phyllachora* sp. (6)
- S. SCANDENS Schrad.  
*Puccinia cameliae* (Mayor) Arth. (2)
- S. SCABRIFOLIA (Nees) Kunth  
*Phyllachora chaetochloae* F. L. Stevens (2)
- SETARIA aff. TENAX (L. Rich.) Desv.  
*Puccinia cameliae* (Mayor) Arth. (2)
- S. VERTICILLATA (L.) Beauv.  
*Puccinia substriata* Ell. & Barth. (2)
- SICKINGIA ERYTHROXYLON Willd.  
*Phakopsora venezuelana* Syd. (2, 19)
- SIDA spp.  
*Asterina diplocarpa* Cke. (2)  
*Cercospora hyalospora* Muller & Chupp (6, 14)  
*Meliola* sp. (6)  
*Puccinia* sp. (6)  
*P. heterospora* Berk. & Curt. (2)  
*P. malvacearum* Bert. (6)  
*P. sherardiana* Koern. (7)
- S. ACUTA Burm. f.  
*Puccinia sherardiana* Koern. (2)
- S. SPINOSA L.  
*Puccinia heterospora* Berk. & Curt. (2)
- S. URENS L.  
*Asterina diplocarpa* Cke. (2)
- SIPANEA GLOMERATA H.B.K.  
*Meliola makilingiana* Syd. (15)
- SMILAX spp.  
*Sphenospora yurimaguasensis* (P. Henn.) Jacks. (2)  
*Puccinia* sp. (6)
- SOLANUM spp.  
*Asterina vagans* Speg. (2)  
*Bagnisiopsis maculans* Chardon (2)  
*Cercospora brachycarpa* Syd. (2, 14)  
*C. brachyclada* Syd. (2, 14)  
*C. costeriana* Petr. & Cif. (6)

## (Solanum spp. cont.)

- C. jaguarensis* Chupp & Muller (on SOLANUM JAGUARA ?) (6, 14)
- C. lanugiflori* Chupp & Muller (6, 14) (Host listed as *S. "lanugiflorum*  
*Pittier*" apparently unpublished name)
- C. modesta* Syd. (2, 6, 14)
- C. venezuelae* Chupp (2, 14)
- Meliola* sp. (6)
- Phyllachora fluminensis* Th. 2, 6)
- Puccinia claviformis* Lagh. (11)
- P. pittieriana* P. Henn. (2)
- P. solani-tristis* P. Henn. (11)
- Septoria alamo* Toro (2)
- Sphaceloma* sp. (6)

## S. HETEROPHYLLUM Lam.

- Asterina henningsii* Th. (2)

## S. MELONGENA L.

- Alternaria* sp. (6)
- A. solani* (Ell. & G. Martin) Sor.
- Ascochyta* sp. (6)
- A. lycopersici* Lib. (5)
- Botrytis vulgaris* Fr. (5)
- Colletotrichum atramentarium* (Berk. & Br.) Taub. (5)
- Gloeosporium melongenae* Ell. & Halst. (5)
- (*Macrosporium* sp.) (6)
- Phomopsis citri* Fawc. (6)
- P. vexans* (Sacc. & Syd.) Harter (2, 6)
- Phytophthora parasitica* Dast. (2)
- Rhizoctonia solani* Kuehn (2)
- Sclerotium rolfsii* Sacc. (4, Vol. 1, No. 6, July 1949)
- Xanthomonas solanacearum* (E. F. Sm.) Dowson (7)

## S. NIGRUM L.

- Cercospora atromarginalis* Atk. (2, 6, 14)

## S. OBTUSIFOLIUM Humb. &amp; Bonpl.

- Cercospora brachycarpa* Syd. (14)

## S. TUBEROSUM L.

- Acrogenus solani* Holmes var. *vulgaris* Holmes, spindle-tuber virus  
(7, 13)
- Actinomyces scabies* (Thaxt.) Güssow (7)
- Alternaria solani* (Ell. & G. Martin) Sor. (2, 6, 13)
- Cercospora solanicola* Atk. (6, 13, 14)
- Colletotrichum* sp. (6)
- Corium solani* Holmes, leaf-roll virus (7, 13)
- Corynebacterium sepedonicum* (Spieck. & Kotth.) Burk. & Skapt. (7)
- Erwinia carotovora* (L. R. Jones) Holland (7)
- Fusarium* sp. (7)
- Marmor solani* Holmes (virus) (7, 13)
- Meloidogyne* sp. (*Heterodera marioni* (Greef) Muell.) (13)
- Oidium* sp. (6)
- Phytophthora infestans* (Mont.) D By. (2, 6, 13)
- Pringsheimia* sp. (6)
- Rhizoctonia solani* Kuehn. (13)
- Sclerotium rolfsii* Sacc. (13)
- Septoria* sp. (6)
- Spondylocadium atrovirens* Harz. (7)
- Spongospora subterranea* (Wallr.) Lagh. (13)
- Streak (virus) (13)
- Vermicularia* sp. (6)
- Xanthomonas solanacearum* (E. F. Sm.) Dowson (5, Feb. 1948)

## S. VERBASCIFOLIUM L.

- Cercospora costeriana* Petr. & Cif. (14)
- C. trichophila* F. L. Stevens (2, 14)



- SOLANUM VERBASCIFOLIUM var. ADULTERINUM (Ham.) G. Don.  
 Cercospora costeriana Petr. & Cif. (6)  
 C. solanacea Sacc. & Berl. (6, 14)
- SONCHUS sp.  
 Alternaria sp. (6, as Macrosporium sp.)
- SORGHUM HALEPENSE (L.) Pers. (HOLCUS HALEPENSIS L.)  
 Helminthosporium sp. (6)  
 Puccinia purpurea Cke. (2, 6)
- S. SUDANENSE (Piper) Stapf (H. SORGHUM var. SUDANENSIS (Piper) Hitch.)  
 Puccinia purpurea Cke. (2)
- S. VULGARE (L.) Pers. (H. SORGHUM L.)  
 Cercospora sorghi Ell. & Ev. (6, 14)  
 Colletotrichum sp. (6)  
 C. lineola Cda. (6, 13)  
 Gibberella sp. (6)  
 Gloeocercospora sorghi D. Bain & Edg. (6)  
 Helminthosporium turcicum Pass. (6, 13)  
 Phoma insidiosa Tassi (6)  
 Puccinia purpurea Cke. (6, 13)  
 Raya blanca (virus) (13)  
 Sphacelotheca holci Jacks. (2)  
 S. sorghi (Lk.) Clint. (6, 13)
- SPANANTHE PANICULATA Jacq.  
 Alternaria sp. (6)
- SPATHODEA CAMPANULATA Beauv.  
 Oidium sp. (6)
- SPERMACOCE TENUIOR L.  
 Meliola psychotriae Earle (2)
- SPHAERODOTHIS COLUMBIENSIS Chardon  
 Pleospora doidgeae Petr. (2)
- SPIGELIA ANTHELMIA L.  
 Septoria sp. (6)
- SPLANTHES AMERICANA (Mutis.) Hieron  
 Puccinia splanthicola Mayor (2)
- S. URENS Jacq.  
 Puccinia barranquillae Mayor (2)
- SPINACIA OLERACEA L.  
 Cercospora beticola Sacc. (6)
- SPONDIAS MOMBIN L. (S. LUTEA L.)  
 Cercospora mombin Petr. & Cif. (14)  
 Irenopsis comocladiae (F. L. Stevens) F. L. Stevens (2)
- SPOROBOLUS INDICUS (L.) R. Br.  
 Helminthosporium sp. (6)  
 H. ravenelli Curt. (2)  
 Uromyces ignobilis (Syd.) Arth. (2)
- STACHYS MICHELIANA Briq.  
 Puccinia pallidissima Speg. (2)
- STACHYTARPHETA sp.  
 Cercospora stachytarphetae P. Henn. (6)
- S. BRACTEOSA Turcz.  
 Endophyllum stachytarphetae (P. Henn.) Whet. & Olive (2)
- S. CAYENNENSIS (L. C. Rich.) Vahl (VALERIANODES CAYENNENSE (L. C. Rich)  
 Kuntze)  
 Irenina glabroides (F. L. Stevens) F. L. Stevens (20)
- STANHOPEA WARDII Lodd.  
 Gloeosporium sp. (6)
- STIZOLOBIUM spp. (MUCUNA spp.)  
 Cercospora stizolobii Syd. (6, 14)  
 Sclerotium rolfsii Sacc. (6)
- STRUTHANTHUS spp.  
 Cercospora struthanthi Chupp & Muller (6, 14)  
 Polystomella costaricensis F. L. Stevens (15)

- STRUTHANTHUS DICHOTRIANTHUS Eichl.  
Aecidium goyazense P. Henn. (8)
- SWIETENIA MACROPHYLLA King  
Cercospora sp. (6)
- SYNEDRELLA NODIFLORA (L.) Gaertn.  
Puccinia melampodii Diet. & Holw. (2, 6)
- TABEBUIA sp.  
Chaetospermella tecomis Chardon & Toro (2)  
Prospodium araguatum Kern & Thurston (11)
- T. CHRYSANTHA (Jacq.) DC.  
Prospodium concinnum Syd. (2, 8)
- T. PENTAPHYLIA (L.) Hemsl.  
Cercospora jahnii Syd. (6)  
Oidium sp. (7)  
Prospodium venezuelanum Kern (8)  
Septoria sp. (6)
- T. ROSEA DC.  
Cercospora jahnii Syd. (14)
- T. SERRATIFOLIA (Vahl) Nicholson  
Cercospora stenolobiicola Speg. (2, 14)  
Trichocicinnus tecomae Chardon (2)
- TABERNAEMONTANA AMYGDALIFOLIA Jacq.  
Meliola tabernaemontanae Speg. (6)  
Ovularia sp. (7)
- TABERNAEMONTANA CORONARIA Willd.  
Meliola wardii F. L. Stevens (20)
- TAGETES spp.  
Meliola sp. (6)  
Puccinia tageticola Diet. & Holw. (2)
- T. ERECTUS L.  
Meliola sp. (6)  
Puccinia tageticola Diet. & Holw. (2)
- TALISIA OLIVAEFORMIS Radlk.  
Meliola sp. (6)
- TECOMA SPECTABILIS Planch. & Lind.  
Hypospilina ospinae (Chardon) Chardon & Toro (2)  
Septoria cucutana Kern & Toro (6)
- T. STANS (L.) H.B.K.  
Prospodium appendiculatum (Wint.) Arth. (2)
- TEPHROSIA sp. (CRACCA sp.)  
Ravenelia caulicola Arth. (10)
- TERMINALIA CATAPPA L.  
Cercospora sp. (6)
- TESSARIA INTEGRIFOLIA Ruiz & Pav.  
Uromyces megalospermus Speg. (9)
- THEOBROMA CACAO L.  
Cercospora sp. (6)  
Colletotrichum sp. (13)  
Crinipellis perniciosa (Stahel) Sing. (Marasmius perniciosus Stahel) (6, 13)  
Helminthosporium guianensis F. L. Stevens & Dowell (2)  
Irenopsis guianensis (F. L. Stevens & Dowell) F. L. Stevens (Meliola guaianensis F. L. Stevens & Dowell) (2, 6)  
Marasmius sp. (6)  
(M. perniciosus): see Crinipellis  
Monilia roreri Cif. (13)  
Nectria sp. (6)  
Ophionectria sp. (6)  
Phthirusa theobromae Eich. (7)  
Phytophthora palmivora Butl. (P. faberi Maub.) (7, 13)
- THUJA sp.  
Cladosporium sp. (6)

- THUJA OCCIDENTALIS L.  
     Colletotrichum sp. (6)  
 TITHONIA ROTUNDIFOLIA (Mill.) Blake  
     Ophiodothella tithoniae Chardon (2)  
 TORENIA FOURNIERI Linden  
     Cercospora torenicola Chupp & Muller (6, 14)  
 TOURNEFORTIA CUSPIDATA H.B.K.  
     Aecidium tournefortiae P. Henn. (8)  
 TOVARIA PENDULA R. & P.  
     Cercospora tovariae Chupp & Muller (6, 14)  
 TRACHYPOGON PLUMOSUS (Humb. & Bonpl.) Nees  
     Phyllachora sp. (6)  
 TRADESCANTIA CUMANENSIS Kunth  
     Uromyces commelinae (Speg.) Cke. (2)  
 TRAGOPOGON PORRIFOLIUS L.  
     Albugo tragopogonis (DC.) S. F. Gray (6, 13)  
 TREMA MICRANTHA (L.) Blume  
     Cercospora tremae F. L. Stevens & Solh. (2, 14)  
 TRICHACHNE INSULARIS (L.) Nees (VALOTA INSULARIS (L.) Chase)  
     Helminthosporium sp. (6)  
     Phyllachora insularis Chardon (2, 6)  
     Puccinia atra Diet. & Holw. (8)  
     Sphacelotheca cordobensis (Speg.) Jacks. (2)  
 T. SACCHARIFLORA (Raddi) Nees  
     Mycosphaerella maydis (Pass.) Lindau (2)  
 TRICHOLAENA ROSEA Nees  
     Cerebella andropogonis Ces. (6)  
     Puccinia sp. (6)  
     Stigmella graminicola Syd. (12)  
 TRIFOLIUM spp.  
     Curvularia trifolii (Kauff.) F. L. Stevens (6)  
     (Macrosporium sp.) (6)  
     Uromyces medicaginis Pass. (6)  
     U. trifolii (DC.) Lév. (6)  
 T. REPENS L.  
     Uromyces flectens Lagh. (9)  
     U. trifolii (DC.) Lév. (2)  
 TRINIOCHLOA STIPOIDES (H.B.K.) Hitchc.  
     Phyllachora paramo-nigra Chardon (2)  
 TRIPLARIS spp.  
     Oidium sp. (6)  
     Uredo coccolobae P. Henn. (10)  
 TRIPSACUM DACTYLOIDES L.  
     Uromyces tripsaci Kern & Thurston (9)  
 T. LAXUM Nash  
     Fusarium moniliforme Sheldon (2)  
     Puccinia sp. (6)  
     P. polysora Underw. (8)  
 TRITICUM AESTIVUM L.  
     Alternaria sp. (6)  
     Gibberella saubinetti (Mont.) Sacc. (1, 6) [Probably G. zeae (Schw.)  
         Petch]  
     Helminthosporium sp. (6)  
     H. sativum Pass. (6)  
     Puccinia glumarum (Schmidt) Eriks. & E. Henn. (6, 11, 13)  
     P. graminis Pers. var. tritici Eriks. & E. Henn. (P. poculiformis (Jacq.)  
         Wettst.) (2, 6, 13)  
     P. rubigo-vera (DC.) Wint. var. tritici Eriks. & E. Henn. (6, 8)  
     Septoria nodorum Berk. (6, 13)  
     Tilletia caries (DC.) Tul. (T. tritici (Bjerk.) Wint.) (2, 6, 13)  
     T. foetida (Wallr.) Liro (T. levis Kuehn) (6, 13)  
     Urocystis tritici Koern. (6)



(*Triticum aestivum* L. cont.)

*Ustilago tritici* (Pers.) Rostr. (2, 6, 13)

TRIUMFETTA sp.

*Cercospora triumfettae* Syd. (6, 14)

T. SEMITRILOBA Jacq.

*Cercospora triumfettae* Syd. (2, 14)

TURNERA MOLLIS H.B.K.

*Cercospora turnerae* Ell. & Ev. (14)

URENA sp.

*Puccinia* sp. (6)

URVILLEA sp.

*Puccinia arechavaletae* Speg.

U. ULMACEA H.B.K.

*Puccinia arechavaletae* Speg.

VACCINIUM FLORIBUNDUM H.B.K.

*Catacauma paramoense* Chardon (2)

VALERIANA PARVIFLORA (Trev.) Höck

*Uredo meridae* Kern, Thurston & Whet. (2)

VALERIANODES CAYENNENSE: see STACHYTARPHETA

VALOTA INSULARIS: see TRICHACHNE

VARRONIA ALBA, V. GLOBOSA: see CORDIA

VERBENA spp.

*Alternaria* sp. (6)

*Cercospora* sp. (6)

*C. verbeniphila* Speg. (6, 14)

V. LITTORALIS H.B.K.

*Septoria verbenae* Rob. & Desm. (2)

VERBESINA spp.

*Meliola* sp. (6)

*Phyllachora verbesinae* (Pat.) Petr. (2, 6)

*Puccinia cognata* Syd. (2)

*P. ferox* Diet. & Holw. (2)

VERNONIA spp.

*Cercospora* sp. (6)

*Hypocrella caulinum* (Berk. & Curt.) Pat. (6)

*Septoria* sp. (6)

V. BRASILIANA (L.) Druce (V. SCABRA Pers.)

*Puccinia* sp. (6)

*P. rotundata* Diet. (2, 6)

V. CANESCENS H.B.K.

*Pseudoparodiella vernoniae* F. L. Stevens (15)

*Puccinia arthuriana* Jacks. (*Argomyces vernoniae* Arth.) (2, 18)

V. MORITZIANA Sch. Bip.

*Puccinia fraterna* Jacks. (2)

*Uredo* sp. (6)

VICIA FABA L.

*Cercospora viciae* Ell. & Holw. (6, 14)

*C. zonata* Wint. (6, 14)

*Uromyces fabae* Pers. (8)

VIGNA spp.

*Cercospora* sp. (6)

*C. cruenta* Sacc. (6)

*Macrophominá phaseoli* (Maub.) Ashby (6)

V. LUTEOLA (Jacq.) Benth.

*Uromyces vignae* Barclay (11)

V. SINENSIS (Torner) Savi

*Ascochyta* sp. (6)

*A. pisi* Lib. (6, 13)

*Cercospora* sp. (6)

*C. canescens* Ell. & G. Martin (6)

*C. cruenta* Sacc. (6, 13, 14)

(*Vigna sinensis* cont.)

- Cercospora vignicola* Kawamura
- Cladosporium vignae* Gardner (?) (5, April-May, 1949)
- Mosaic (virus) (13)
- Mycosphaerella* sp. (6)
- Sclerotium rolfsii* Sacc. (4, Vol. 1, No. 6, July 1949)

V. UNGUICULATA (L.) Walp.

- Cercospora canescens* Ell. & G. Martin (14)

VIOLA sp.

- Cercospora violae* Sacc. (2, 14)

V. ODORATA L.

- Cercospora violae* Sacc. (2, 6, 14)

VISMIA spp.

- Cercospora bixae* Allesch. & Noack (2)
- C. vismiae* Syd. (6, 14)
- Phyllachora* sp. (6)
- P. vismiae* F. L. Stevens (6)

V. DEALBATA H.B.K.

- Phyllachora vismiae* F. L. Stevens (2)

V. FERRUGINEA H. B. K.

- Phyllachora* sp. (6)

VITEX sp.

- Phyllachora* sp. (6)

VITIS spp.

- Cercospora viticola* (Ces.) Sacc. (13)
- Elsinoe ampelina* Shear (*Gloeosporium ampelophagum* (Pass.) Sacc., *Sphaceloma ampelinum* D By.) (7, 13)
- Guignardia bidwellii* (Ell. & Ev.) Viala & Ravaz (13)
- Physopella vitis* (Thuem.) Arth. (*Phakopsora vitis* (Thuem.) Syd.) (13)
- Plasmopara viticola* (Berk. & Curt.) Berl. & De T. (2, 6)
- Uncinula necator* (Schw.) Burr. (*Oidium tuckeri* Berk.) (7, 13)

V. CARIBAEA DC.

- Physopella vitis* (Thuem.) Arth. (*Phakopsora vitis* (Thuem.) Syd.) (2)

V. LABRUSCA L.

- Cercospora viticola* (Ces.) Sacc. (6, 14)

V. VINIFERA L.

- Elsinoe ampelina* Shear (*Gloeosporium ampelophagum* (Pass.) Sacc.) (6)
- Guignardia bidwellii* (Ell. & Ev.) Viala & Ravaz (6)
- Physopella vitis* (Thuem.) Arth. (*Phakopsora vitis* (Thuem.) Syd.) (2, 6)
- Plasmopara viticola* (Berk. & Curt.) Berl. & De T. (2, 6)
- Uncinula necator* (Schw.) Burr. (*Oidium tuckeri* Berk.) (6)

WALTHERIA AMERICANA L.

- Puccinia waltheriae* Kern & Thurston (10)

WEDELIA sp.

- Meliola* sp. (6)

W. JACQUINI L. C. Rich var. CARACASANA (DC.) O. E. Schulz

- Endophyllum decoloratum* (Schw.) Whet. & Olive (2)
- Puccinia caracasana* Syd. (2)
- ? *P. holwayula* Jacks. (2)

WISSADULA spp.

- Puccinia heterospora* Berk. & Curt. (2)
- Puccinia* sp. (2)

WULFFIA sp.

- Cercospora* sp. (6)

W. BACCATA (L. f.) Kuntze

- Uromyces wulffiae-stenoglossae* Diet. (2)

XANTHIUM CHINENSE Mill.

- Oidium* sp. (6)

- XANTHOSOMA SAGITTIFOLIUM (L.) Schott**  
*Scleroconium venezuelanum* Syd. (19)
- XANTHOSOMA spp.**  
*Cercospora verruculosa* F. L. Stevens & Solh. (14)  
*Cercospora chevalieri* Sacc. (2)  
*Punctillina solteroi* Toro (2)  
*Stilbum flavidum* Cke. (6)
- XANTHOXALIS sp.:** see *OXALIS* sp.
- XANOSTOMELLA MERIDENSIS Toro**  
*Chaetostigmella parasitica* Toro (2)
- XYLOPIA sp.**  
*Dasyscypha gregaria* (Kuntze) P. Henn. (10)
- ZANTHOXYLUM spp.**  
*Aecidium xanthoxylinum* Speg. (6)  
*Phyllachora applanata* Wint. (2)  
*P. winteri* Sacc. & Syd. (2, 6)
- Z. MICROCARPUM Griseb.**  
*Phyllachora winteri* Sacc. & Syd. (2)
- ZEA MAYS L.**  
*Angiopsora zeae* Mains (10)  
*Camarosporium* sp. (6)  
*Cercospora zeae-maydis* Tehon & Daniels (6, 14)  
*Diplodia frumenti* Ell. & Ev. (6)  
*Helminthosporium turcicum* Pass. (6)  
*Marmor cucumeris* Holmes (virus) (7, 13)  
*Nigrospora oryzae* (Berk. & Br.) Petch (3, 1st year, No. 12, Dec. 1947; 6; 7)  
*Phoma* sp. (6)  
*Physoderma zeae-maydis* Shaw (6)  
*Puccinia sorghi* Schw. (2, 6)  
*Rhopoglyphus zeae* Pat. (6)  
*Ustilago maydis* (DC.) Cda. (*U. zeae* (Beckm.) Unger) (2, 6)
- ZINNIA spp.**  
*Cercospora zinniae* Ell. & G. Martin (6, 14)  
*Oidium* sp. (6)
- Z. ELEGANS Jacq.**  
*Cercospora zinniae* Ell. & G. Martin (6)  
*Erysiphe cichoracearum* DC. (6)
- ZORNIA DIPHYLLA (L.) Pers.**  
*Puccinia offuscata* Arth. (11)
- HOST UNKNOWN**  
*Asterina ampullifera* Toro (20)  
*Irene plegerae* Doidge (20)  
*Parapeltella portoricensis* (Speg.) Orejuela (15)  
*Saccardinula usteriana* Speg. (15)



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B. F. GOODRICH CHEMICAL COMPANY, CLEVELAND, OHIO











